

**Datasheet for 600-401-GB1****ZBED3 Antibody****Overview**

|                      |                                            |
|----------------------|--------------------------------------------|
| <b>Description:</b>  | Anti-ZBED3 (RABBIT) Antibody - 600-401-GB1 |
| <b>Item No.:</b>     | 600-401-GB1                                |
| <b>Size:</b>         | 100 µg                                     |
| <b>Applications:</b> | ELISA, WB                                  |
| <b>Reactivity:</b>   | Human, Mouse, Rat                          |
| <b>Host Species:</b> | Rabbit                                     |

**Product Details**

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Background:</b>   | Axin is a key modulator of the Wnt/beta-catenin pathway and acts as a scaffold protein in phosphorylating and degrading cytoplasmic beta-catenin. ZBED3, a member of the Zinc finger BED-type domain containing superfamily, has been recently identified as an Axin-interacting protein and has been suggested to modulate the Wnt/beta-catenin signaling pathway. RNA interference (RNAi) experiments targeting ZBED3 RNA attenuated Wnt-induced beta-catenin accumulation, lymphoid enhancer binding factor-1-dependent luciferase reporter activity, and Wnt gene expression. |
| <b>Synonyms:</b>     | ZBED3 Antibody, Zinc finger BED domain-containing protein 3, Axin-interacting protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Host Species:</b> | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Clonality:</b>    | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Format:</b>       | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**Target Details**

|                        |                                                                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name:</b>      | ZBED3                                                                                                                                                                       |
| <b>Reactivity:</b>     | Human, Mouse, Rat                                                                                                                                                           |
| <b>Immunogen Type:</b> | Conjugated Peptide                                                                                                                                                          |
| <b>Immunogen:</b>      | Anti-ZBED3 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide from near the N-terminus of human ZBED3. |

**Purity/Specificity:** Anti-ZBED3 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody is predicted to have no cross-reactivity to ZBED1 or ZBED2.

**Relevant Links:**

- [UniProtKB - Q96IU2](#)
- [GeneID - 84327](#)
- [NCBI - NP\\_001316493.1](#)

## Application Details

**Tested Applications:** ELISA, WB

**Application Note:** Anti-ZBED3 Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Despite its predicted molecular weight of 25 kDa in Western Blots of specific cell lysates and tissues, ZBED3 often migrates at a higher position.

**Assay Dilutions:** All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

**ELISA:** 1:10,000 - 1:20,000

**WB:** 1-2 µg/mL

## Formulation

**Physical State:** Liquid (sterile filtered)

**Concentration:** 1 mg/mL by UV absorbance at 280 nm

**Buffer:** 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

**Preservative:** 0.02% (w/v) Sodium Azide

**Stabilizer:** None

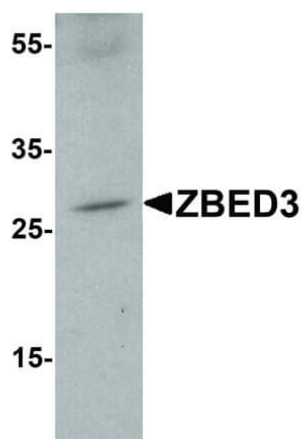
## Shipping & Handling

**Shipping Condition:** Wet Ice

**Storage Condition:** Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

**Expiration:** Expiration date is one (1) year from date of receipt.

## Images

**Western Blot**

Western blot of Anti-ZBED3 Antibody. Lane 1: A-20 cell lysate. Primary Antibody: ZBED3 antibody at 1 µg/ml overnight at 4°C. Secondary Antibody: rabbit secondary HRP antibody (p/n 611-103-122) at 1:10,000 for 45 min at RT. Blocking Buffer: BLOTTO Immunoanalytical Grade (Non-Fat Dry Milk) (p/n B501-0500).

**Disclaimer**

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