

Datasheet for 600-401-GB0**ZBED3 Antibody****Overview**

Description:	Anti-ZBED3 (RABBIT) Antibody - 600-401-GB0
Item No.:	600-401-GB0
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	H. sapiens (Human)
Host Species:	Rabbit

Product Details

Background:	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.
Synonyms:	ZBED3 Antibody, Zinc finger BED domain-containing protein 3, Axin-interacting protein
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	ZBED3
Reactivity:	H. sapiens (Human)
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-ZBED3 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 15 amino acid synthetic peptide from near the C-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, IHC, WB

Application Note: Anti-ZBED3 Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry. 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

WB: 1 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

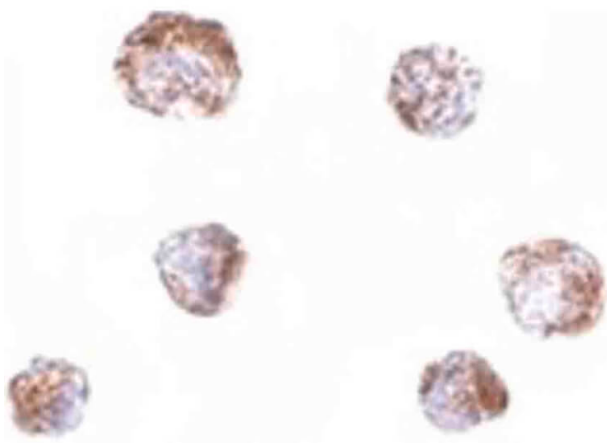
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

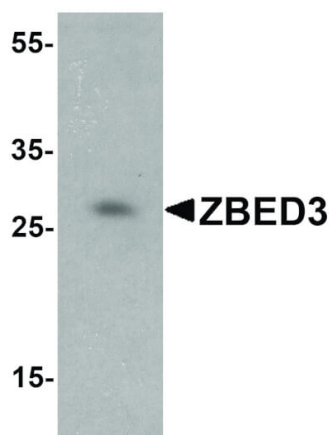
Expiration: Expiration date is one (1) year from date of receipt.

Images



Immunohistochemistry

Immunocytochemistry of ZBED3 antibody. Tissue: A549 cells. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: ZBED3 antibody at 20 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: ZBED3 is nuclear. Staining: ZBED3 as precipitated brown signal with hematoxylin purple nuclear counterstain.



Western Blot

Western Blot of ZBED3 antibody. Lane 1: Jurkat cell lysate with ZBED3 antibody at 1 µg/mL. Load: 35 µg per lane. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 25 kDa, 27 kDa for ZBED3. Other band(s): none.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.