

Datasheet for 600-401-BZ9**IRF2BP2 Antibody****Overview**

Description:	Anti-IRF2BP2 (RABBIT) Antibody - 600-401-BZ9
Item No.:	600-401-BZ9
Size:	100 µg
Applications:	ELISA, IHC
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	IRF2BP2, like the related protein IRF2BP1, is a co-repressor that interacts specifically with the C-terminal repression domain of Interferon Regulatory Factor 2 (IRF2). IRF2BP2 is a direct target gene of p53 and is involved in cell survival during the p53 stress response, able to impede the p53-mediated transactivation of p21 and Bax. IRF2BP2 is also a co-factor of VGLL4 and is required to induce the expression of vascular endothelial growth factor A (VEGF-A) in muscle. It is normally found in the nucleus of skeletal muscle and cardiac cells, but can be found in the cytoplasm during skeletal muscle differentiation.
Synonyms:	IRF2BP2 Antibody, Interferon regulatory factor 2-binding protein 2, IRF-2-binding protein 2
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	IRF2BP2
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-IRF2BP2 antibody was prepared from whole rabbit serum produced by repeated immunizations with an 17 amino acid synthetic peptide near the N-terminus of human IRF2BP2.

Purity/Specificity:	Anti-IRF2BP2 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least two isoforms of IRF2BP2 are known to exist; this antibody will detect both.
Relevant Links:	• UniProtKB - Q7Z5L9 • GeneID - 359948 • NCBI - NP_892017

Application Details

Tested Applications:	ELISA, IHC
Application Note:	Anti-IRF2BP2 Antibody has been tested for use in ELISA and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 61 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	User Optimized
IHC:	5 µg/mL

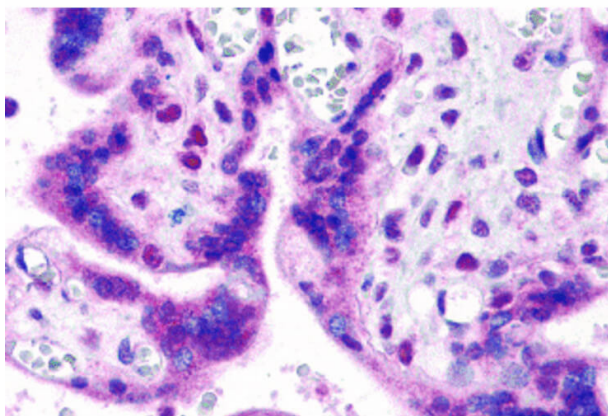
Formulation

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

Immunohistochemistry of IRF2BP2 antibody. Tissue: Human placenta tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: IRF2BP2 antibody at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: IRF2BP2 is nuclear and cytoplasmic. Staining: IRF2BP2 as precipitated purple signal with blue nuclear counterstain.

Disclaimer

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