

Product datasheet for **TA337911**

TRIOBP Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TRIOBP antibody: synthetic peptide directed towards the middle region of human TRIOBP. Synthetic peptide located within the following region: QIHTKDAVYTLSAMTSGIRRNWIEALRKTVRPTSAPDVTKLSDSNKENAL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47 kDa
Gene Name:	TRIO and F-actin binding protein
Database Link:	NP_619538 Entrez Gene 11078 Human Q9H2D6



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Background:

TRIOBP is a protein with an N-terminal pleckstrin homology domain and a C-terminal coiled-coil region. The protein interacts with trio, which is involved with neural tissue development and controlling actin cytoskeleton organization, cell motility and cell growth. The protein also associates with F-actin and stabilizes F-actin structures. Mutations in this gene have been associated with a form of autosomal recessive nonsyndromic deafness. This gene encodes a protein that interacts with trio, which is involved with neural tissue development and controlling actin cytoskeleton organization, cell motility and cell growth. This trio-binding protein also associates with F-actin and stabilizes F-actin structures. Domains contained in this encoded protein are an N-terminal pleckstrin homology domain and a C-terminal coiled-coil region. Mutations in this gene have been associated with a form of autosomal recessive nonsyndromic deafness. Multiple alternatively spliced transcript variants that would encode different isoforms have been found for this gene, however some transcripts may be subject to nonsense-mediated decay (NMD).

Synonyms:

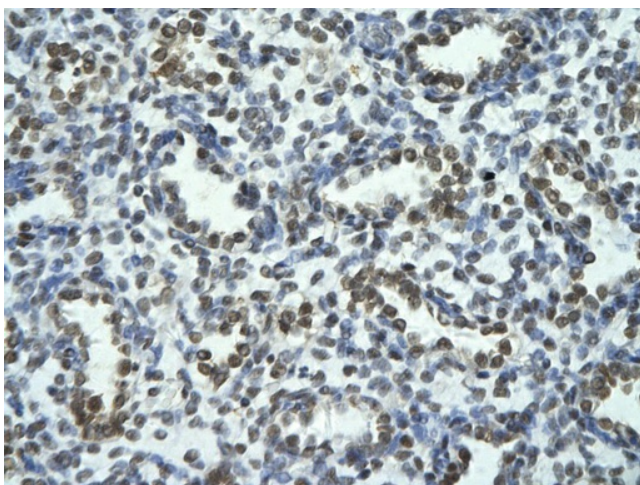
DFNB28; dj37E16.4; HRIHFB2122; TAP68; TARA

Note:

Immunogen Sequence Homology: Horse: 100%; Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 92%

Product images:


WB Suggested Anti-TRIOBP Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control:
Human brain



Rabbit Anti-TRIOBP Antibody; Paraffin Embedded
Tissue: Human alveolar cell; Cellular Data:
Epithelial cells of renal tubule; Antibody
Concentration: 4.0-8.0 ug/ml; Magnification: 400X