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Datasheet for ABIN7465234 **anti-TRIOBP antibody**

Overview

Quantity:	100 µL
Target:	TRIOBP
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIOBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Tara. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	TRIOBP
Alternative Name:	TRIO and F-actin binding protein (TRIOBP Products)
Background:	TRIO and F-actin binding protein , DFNB28 , HRIHFB2122 , TAP68 , TARA , dJ37E16.4, This gene encodes a protein with an N-terminal pleckstrin homology domain and a C-terminal coiled-coil

Target Details

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. 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). [provided by RefSeq]

Molecular Weight: 261 kDa

Gene ID: 11078

UniProt: [Q9H2D6](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: WB: 1:500-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T , A431 , HeLa , HepG2 , Rat2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.