

Datasheet for ABIN2775973
anti-TRIOBP antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TRIOBP
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Cow, Guinea Pig, Rabbit, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIOBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TRIOBP
Sequence:	QIHTKDAVYT LSAMTSGIRR NWIEALRKTV RPTSAPDVTK LSDSNKENAL
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TRIOBP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TRIOBP
---------	--------

Target Details

Alternative Name:	TRIOBP (TRIOBP Products)
Background:	<p>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).</p> <p>Alias Symbols: DFNB28, FLJ39315, HRIHFB2122, KIAA1662, TARA, dJ37E16.4</p> <p>Protein Interaction Partner: POLR1C, IKBKG, GTF2H1, PLK1, ELAVL1, VIM, HECTD3, UBC,</p> <p>Protein Size: 431</p>
Molecular Weight:	47 kDa
Gene ID:	11078
NCBI Accession:	NM_138632 , NP_619538
UniProt:	Q9H2D6
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 431 AA
Restrictions:	For Research Use only

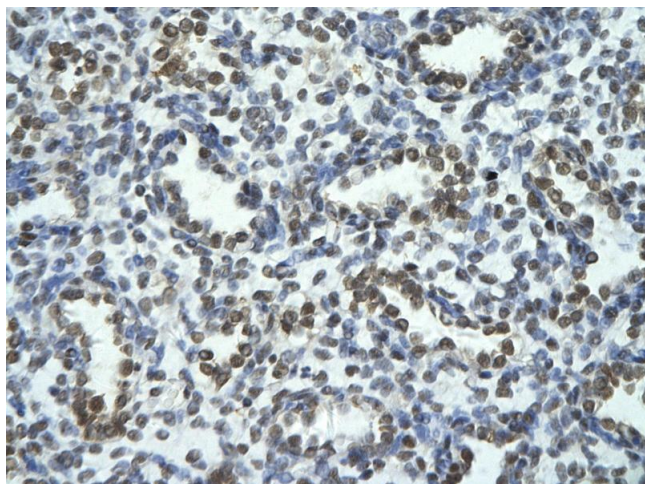
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. 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



Western Blotting

Image 2. WB Suggested Anti-TRIOBP Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human brain