

Datasheet for ABIN2775959
anti-TRIM3 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	TRIM3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TRIM3
Sequence:	TICGAKQKVL QSQLDTRLRQG QEHIGSSCSF AEQALRLGSA PEVLLVRKHM
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against TRIM3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	TRIM3
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Target Details

Alternative Name:	TRIM3 (TRIM3 Products)
Background:	<p>The protein encoded by TRIM3 is a member of the tripartite motif (TRIM) family, also called the 'RING-B-box-coiled-coil' (RBCC) subgroup of RING finger proteins. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein localizes to cytoplasmic filaments. It is similar to a rat protein which is a specific partner for the tail domain of myosin V, a class of myosins which are involved in the targeted transport of organelles. The rat protein can also interact with alpha-actinin-4. Thus it is suggested that this human protein may play a role in myosin V-mediated cargo transport.</p> <p>Alias Symbols: BERP, HAC1, RNF22, RNF97</p> <p>Protein Interaction Partner: CUL3, UBC, HECW2, KIF21B, TNFAIP3, HGS, MYO5A, ACTN4, UBE2D4, UBE2U, UBE2G2, TRIM3, UBE2K,</p> <p>Protein Size: 744</p>
Molecular Weight:	81 kDa
Gene ID:	10612
NCBI Accession:	NM_006458 , NP_006449
UniProt:	Q6ZTE7

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 744 AA
Restrictions:	For Research Use only

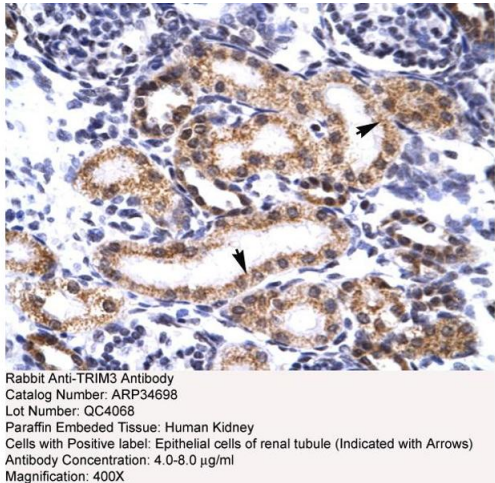
Handling

Format:	Liquid
Concentration:	Lot specific
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.

Handling

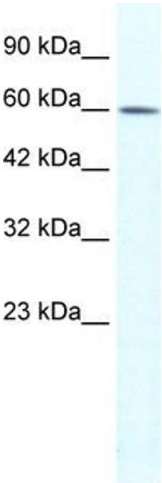
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Human kidney



Western Blotting

Image 2. WB Suggested Anti-TRIM3 Antibody Titration:
1.0ug/ml ELISA Titer: 1:1562500 Positive Control: HepG2 cell lysate