

TRIM45 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56381

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9H8W5
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64359
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TRIM45
Epitope Specificity	101-200/580
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Nucleus.
SIMILARITY	Belongs to the TRIM/RBCC family. Contains 2 B box-type zinc fingers. Contains 1 filamin repeat. Contains 1 RING-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the tripartite motif family. The encoded protein may function as a transcriptional repressor of the mitogen-activated protein kinase pathway. Alternatively spliced transcript variants have been described.[provided by RefSeq, Mar 2009]

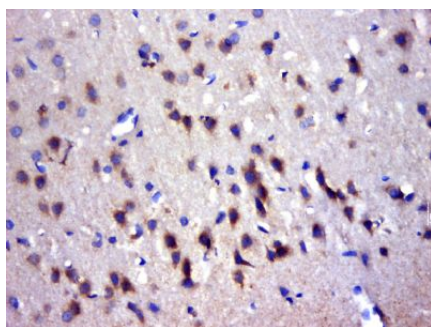
Additional Information

Gene ID	80263
Other Names	Tripartite motif-containing protein 45, RING finger protein 99, TRIM45, RNF99
Target/Specificity	Expressed in skeletal muscle, brain, heart and pancreas.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

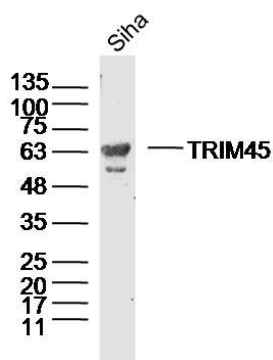
Protein Information

Name	TRIM45
Synonyms	RNF99
Function	E3 ubiquitin-protein ligase that plays a role in the regulation of inflammatory response (PubMed: 36681779). Mechanistically, mediates the 'Lys-48'-linked polyubiquitination of TAB2, a regulatory protein of the kinase TAK1, leading to its degradation via the proteasomal pathway and inhibition of the TLR-mediated inflammatory immune response (PubMed: 36681779). May act as a transcriptional repressor in mitogen-activated protein kinase signaling pathway.
Cellular Location	Cytoplasm. Nucleus
Tissue Location	Expressed in skeletal muscle, brain, heart and pancreas.

Images



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TRIM45) Polyclonal Antibody, Unconjugated (AP56381) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Sample: SiHa Cell (Human) Lysate at 30 ug
Primary: Anti-TRIM45 (AP56381) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 64kD
Observed band size: 64kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.