

TRIM45 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56381**Specification**

TRIM45 Polyclonal Antibody - Product Information

Application	IHC-P, WB
Primary Accession	Q9H8W5
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64359

TRIM45 Polyclonal Antibody - Additional Information**Gene ID** 80263**Other Names**

Tripartite motif-containing protein 45, RING finger protein 99, TRIM45, RNF99

Format

0.01M TBS(pH7.4), 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.

TRIM45 Polyclonal Antibody - 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

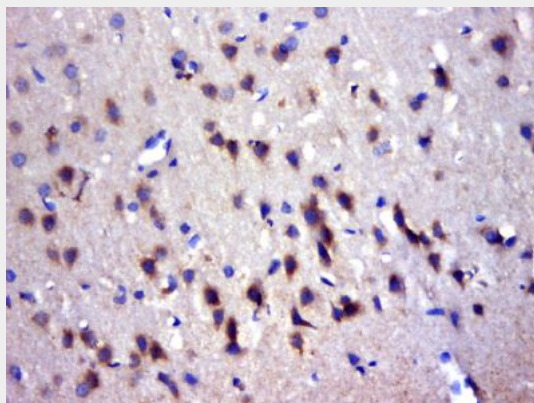
Expressed in skeletal muscle, brain, heart and pancreas.

TRIM45 Polyclonal Antibody - Protocols

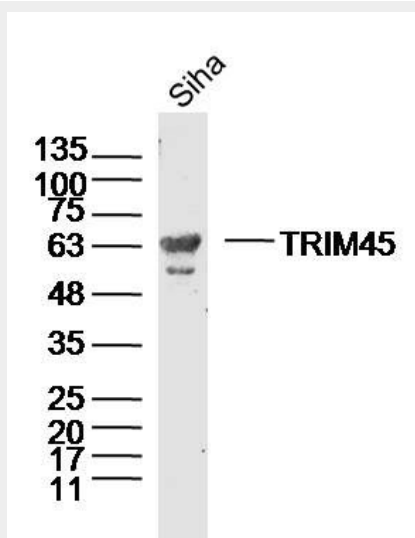
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRIM45 Polyclonal Antibody - 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 (bs-16739R) 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 (bs-16739R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 64kD
Observed band size: 64kD