

TRIM16 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56374**Specification**

TRIM16 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O95361
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63955

TRIM16 Polyclonal Antibody - Additional Information**Gene ID** 10626**Other Names**

Tripartite motif-containing protein 16, 2.3.2.27, E3 ubiquitin-protein ligase TRIM16, Estrogen-responsive B box protein, TRIM16, EBBP

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.

TRIM16 Polyclonal Antibody - Protein Information**Name** TRIM16**Synonyms** EBBP**Function**

E3 ubiquitin ligase that plays an essential role in the organization of autophagic response and ubiquitination upon lysosomal and phagosomal damages. Plays a role in the stress-induced biogenesis and degradation of protein aggregates by regulating the p62-KEAP1-NRF2 signaling and particularly by modulating the ubiquitination levels and thus stability of NRF2. Acts as a scaffold protein and facilitates autophagic degradation of protein aggregates by interacting with p62/SQSTM1, ATG16L1 and LC3B/MAP1LC3B. In turn, protects the cell against oxidative stress-induced cell death as a consequence of endomembrane damage.

Cellular Location

Cytoplasm.

Tissue Location

Highest levels found in testis, ovary, small intestine, colon, placenta, heart, skeletal muscle and mammary gland More highly expressed in the fetus than in the corresponding adult tissues.

Expressed in basal keratinocytes

TRIM16 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](#)

TRIM16 Polyclonal Antibody - Images