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

Specification

TRIM16 Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, ICC**
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 ℃ 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 ℃.

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 aggresomes 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/SQSTM, 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 Cytomety](#)
- [Cell Culture](#)

TRIM16 Polyclonal Antibody - Images