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TRIM16 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11465

Product Information

Application	WB
Primary Accession	O95361
Other Accession	NM_006470, NP_006461
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63955

Additional Information

Gene ID	10626
Alias Symbol	EBBP
Other Names	Tripartite motif-containing protein 16, Estrogen-responsive B box protein, TRIM16, EBBP
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-TRIM16 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TRIM16 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

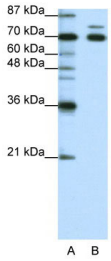
Name	TRIM16
Synonyms	EBBP
Function	E3 ubiquitin-protein ligase that plays an essential role in the organization of autophagic response and ubiquitination upon lysosomal and phagosomal damages (PubMed:22629402, PubMed:27693506). Plays a role in the stress-induced biogenesis and degradation of protein aggresomes by regulating the p62-KEAP1-NRF2 signaling and particularly by modulating the ubiquitination levels and thus stability of NRF2 (PubMed:30143514). 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

References

Beer,H.D., (2002) J. Biol. Chem. 277 (23), 20740-20749Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-TRIM16 Antibody Titration: 1.25µg/ml
ELISA Titer: 1:62500
Positive Control: HepG2 cell lysate

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