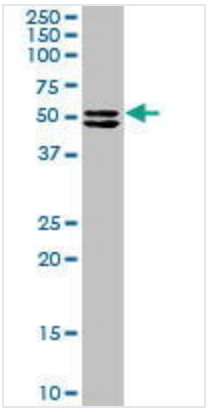
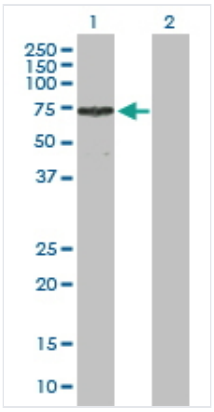
TRIM16 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRIM16, Polyclonal Antibody
Full Product Name	TRIM16 (Tripartite Motif-containing Protein 16, Estrogen-responsive B Box Protein, EBBP) (HRP)
Product Gene Name	anti-TRIM16 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human TRIM16.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Immunogen	Full-length human TRIM16, aa1-564 (NP_006461.3).
Immunogen Sequence	MAELDLMAPGPLPRATAQPPAPLSPDSGSPSPDSGSASPVEEEDVGSSEKLGRETEEQDSDSAEQGDPAGEGKEVLCDFCLDDTRRVKAVKSCLTCMV
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-TRIM16 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-TRIM16 antibody	Western Blot (WB)
Application Notes for anti-TRIM16 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TRIM16 antibody	The TRIM16 gene was identified as an estrogen and anti-estrogen regulated gene in epithelial cells stably expressing estrogen receptor. TRIM16 conta
Other Notes	Small volumes of anti-TRIM16 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for TRIM16 purchase	MBS6397186 is an antibody targeting TRIM16. Also known as TRIM16 (Tripartite Motif-containing Protein 16, Estrogen-responsive B Box Protein, EBB



Western Blot (WB) of anti-TRIM16 antibody
TRIM16 rabbit polyclonal antibody. Western Blot analysis of TRIM16 expression in HeLa.



Western Blot (WB) of anti-TRIM16 antibody
Western Blot analysis of TRIM16 expression in transfected 293T cell line by TRIM16 polyclonal antibody. Lane 1: TRIM16 transfected lysate (64.0kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIM16. It may not necessarily be applicable to this product.

NCBI GI #	48255912
NCBI GeneID	10626
NCBI Accession #	NM_006470.3
UniProt Related Accession #	O95361
GenBank Nucleotide #	NM_006470.3
NCBI Official Full Name	Homo sapiens tripartite motif containing 16 (TRIM16), mRNA
NCBI Official Synonym Full Names	tripartite motif containing 16
NCBI Official Symbol	TRIM16
NCBI Official Synonym Symbols	EBBP
Protein Family	Tripartite motif-containing protein
NCBI Protein Information	tripartite motif-containing protein 16
NCBI Summary for TRIM16	The protein encoded by this gene is a tripartite motif (TRIM) family member that contains two B box domains and a coiled-coiled region that are characteristic of the B box zinc finger protein family. While it lacks a RING domain found in other TRIM proteins, the encoded protein can homodimerize or heterodimerize with other TRIM proteins and has E3 ubiquitin ligase activity. This gene is also a tumor suppressor and is involved in secretory autophagy. [provided by RefSeq, Jan 2017]
Research Articles on TRIM16	**1.** TRIM16 acts as a scaffold protein and, by interacting with p62, ULK1, ATG16L1, and LC3B, facilitates autophagic degradation of protein aggregates.
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