TRIM16 Antibody (N-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	TRIM16, Blocking Peptide
Full Product Name	TRIM16 Antibody (N-term) Blocking Peptide
Product Gene Name	TRIM16 blocking peptide
Product Synonym Gene Name	EBBP
Product Synonym Names	Tripartite motif-containing protein 16; Estrogen-responsive B box protein; TRIM16; EBBP
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	TRIM16 peptide (MBS9222554) is used for blocking the activity of TRIM16 antibody (MBS9214437)
Molecular Weight	40,370 Da
OMIM	609505
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
Related Product Information for TRIM16 blocking peptide	MBS9222554 is a blocking peptide targeting TRIM16. Also known as TRIM16 Antibody (N-term) Blocking Peptide. May play a role in the regulation of keratinocyte differentiation.
Other Notes	Small volumes of TRIM16 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

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

NCBI GI #	145559535
NCBI GeneID	10626
NCBI Accession #	O95361.3
UniProt Primary Accession #	O95361
UniProt Secondary Accession #	Q6IAL8; Q7Z6I2; Q96BE8; Q96J43
UniProt Related Accession #	O95361
NCBI Official Full Name	Tripartite motif-containing protein 16
NCBI Official Synonym Full Names	tripartite motif containing 16
NCBI Official Symbol	TRIM16
NCBI Official Synonym Symbols	EBBP
UniProt Protein Name	Tripartite motif-containing protein 16
UniProt Synonym Protein Names	Estrogen-responsive B box protein

Protein Family	Tripartite motif-containing protein
UniProt Gene Name	TRIM16
UniProt Synonym Gene Names	EBBP
UniProt Entry Name	TRI16_HUMAN
NCBI Protein Information	tripartite motif-containing protein 16
NCBI Summary for TRIM16	This gene was identified as an estrogen and anti-estrogen regulated gene in epithelial cells stably expressing estrogen receptor. The protein encoded by this gene contains two B box domains and a coiled-coiled region that are characteristic of the B box zinc finger protein family. The proteins of this family have been reported to be involved in a variety of biological processes including cell growth, differentiation and pathogenesis. Expression of this gene was detected in most tissues. Its function, however, has not yet been determined. [provided by RefSeq, Jul 2008]
UniProt Comments for TRIM16	TRIM16: May play a role in the regulation of keratinocyte differentiation. Belongs to the TRIM/RBCC family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 17p11.2 Cellular Component: cytoplasm; PML body Molecular Function: DNA binding; interleukin-1 binding; NACHT domain binding; protein binding Biological Process: positive regulation of interleukin-1 beta secretion; positive regulation of keratinocyte differentiation; positive regulation of retinoic acid receptor signaling pathway; positive regulation of transcription, DNA-dependent; response to organophosphorus; response to retinoic acid
Research Articles on TRIM16	**1.** Expression of SDMGC and TRIM16 was upregulated in the distant metastasis tissues
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