ETV4 Antibody (C-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	ETV4, Blocking Peptide
Full Product Name	ETV4 Antibody (C-term) Blocking Peptide
Product Gene Name	ETV4 blocking peptide
Product Synonym Gene Name	E1AF; PEA3
Product Synonym Names	ETS translocation variant 4; Adenovirus E1A enhancer-binding protein; E1A-F; Polyomavirus enhancer activator 3 homolog; Protein PEA3; ETV4; E1AF; PEA3
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.
Specificity	The synthetic peptide sequence used to generate the antibody was selected from the C-term region of human ETV4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.
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	ETV4 peptide (MBS9226220) is used for blocking the activity of ETV4 antibody (MBS9202219)
Molecular Weight	23,422 Da
OMIM	600711
Cellular Location	Nucleus.
Related Product Information for ETV4 blocking peptide	Transcriptional activator that binds to the enhancer of the adenovirus E1A gene; the core-binding sequence is 5'[AC]GGA[AT]GT-3'.
Other Notes	Small volumes of ETV4 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.
Searchable Terms for ETV4 purchase	MBS9226220 is a blocking peptide targeting ETV4. Also known as ETV4 Antibody (C-term) Blocking Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ETV4. It may not necessarily be applicable to this product.

NCBI GI #	62512145
NCBI GeneID	2118
NCBI Accession #	P43268.3
UniProt Primary Accession #	P43268
UniProt Secondary Accession #	Q96AW9; A8K314; B7Z5J3; B7Z9J6
UniProt Related Accession #	P43268
NCBI Official Full Name	ETS translocation variant 4
NCBI Official Synonym Full Names	ETS variant 4
NCBI Official Symbol	ETV4
NCBI Official Synonym Symbols	E1AF; PEA3; E1A-F; PEAS3

UniProt Protein Name	ETS translocation variant 4
UniProt Synonym Protein Names	Adenovirus E1A enhancer-binding protein; E1A-F; Polyomavirus enhancer activator 3 homolog; Protein PEA3
Protein Family	ETS translocation
UniProt Gene Name	ETV4
UniProt Synonym Gene Names	E1AF; PEA3; Protein PEA3
UniProt Entry Name	ETV4_HUMAN
NCBI Protein Information	ETS translocation variant 4
UniProt Comments for ETV4	ETV4: Transcriptional activator that binds to the enhancer of the adenovirus E1A gene; the core-binding sequence is 5'[AC]GGA[AT]GT-3'. Belongs to the ETS family. Protein type: DNA-binding Chromosomal Location of Human Ortholog: 17q21 Cellular Component: nucleolus; nucleoplasm; nucleus Molecular Function: protein binding Biological Process: cell differentiation; positive regulation of transcription from RNA polymerase II promoter
Research Articles on ETV4	**1.** ACC1 and ACLY regulate the levels of ETV4 under hypoxia via increased alpha-ketoglutarate. These results reveal that the ACC1/ACLY-alpha-ketoglutarate-ETV4 axis is a novel means by which metabolic states regulate transcriptional output
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