ASB6 Blocking Peptide

PRODUCT OVERVIEW

Product Name	ASB6, Blocking Peptide
Full Product Name	ASB6 Blocking Peptide
Product Gene Name	ASB6 blocking peptide
Product Synonym Names	Ankyrin repeat and SOCS box containing 6; Ankyrin repeat and SOCS box protein 6; ASB 6; ASB-6; ASB6; ASB6_HUMAN; FLJ20548; MGC1024
Antibody/Peptide Pairs	ASB6 peptide (MBS9633430) is used for blocking the activity of ASB6 antibody (MBS9631047)
Molecular Weight	47,136 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (132396883..132404496, complement). Location: 9q34.13
OMIM	615051
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ASB6 blocking peptide	MBS9633430 is a blocking peptide targeting ASB6.
Other Notes	Small volumes of ASB6 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 ASB6. It may not necessarily be applicable to this product.

NCBI GI #	8923516
NCBI GeneID	140459
NCBI Accession #	NP_060343.1
UniProt Primary Accession #	Q9NWX5
UniProt Secondary Accession #	Q5SZB7; Q9BV15
UniProt Related Accession #	Q9NWX5
GenBank Nucleotide #	NM_017873.3
NCBI Official Full Name	ankyrin repeat and SOCS box protein 6 isoform 1
NCBI Official Synonym Full Names	ankyrin repeat and SOCS box containing 6
NCBI Official Symbol	ASB6
UniProt Protein Name	Ankyrin repeat and SOCS box protein 6
Protein Family	Ankyrin repeat and SOCS box protein
UniProt Gene Name	ASB6
UniProt Synonym Gene Names	ASB-6

UniProt Entry Name	ASB6_HUMAN
NCBI Protein Information	ankyrin repeat and SOCS box protein 6; ankyrin repeat and SOCS box-containing 6
NCBI Summary for ASB6	The protein encoded by this gene belongs to a family of ankyrin repeat proteins that, along with four other protein families, contain a C-terminal SOCS box motif. Growing evidence suggests that the SOCS box, similar to the F-box, acts as a bridge between specific substrate-binding domains and the more generic proteins that comprise a large family of E3 ubiquitin protein ligases. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jan 2011]
UniProt Comments for ASB6	Function: Probable substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Ref.5 Pathway: Protein modification; protein ubiquitination. Subunit structure: Binds APS. Identified in a complex with TCEB1 and TCEB2 By similarity. Interacts with CUL5 and RNF7. Ref.5 Subcellular location: Cytoplasm By similarity. Domain: The SOCS box domain mediates the interaction with the Elongin BC complex, an adapter module in different E3 ubiquitin-protein ligase complexes By similarity. Sequence similarities: Contains 6 ANK repeats.Contains 1 SOCS box domain.
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