

Rabbit ASB7 Polyclonal Antibody | anti-ASB7 antibody

ASB7 Antibody (Center)

CATALOG # AAA289415	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Monkey, Mouse)	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

ASB7; Polyclonal Antibody; ASB7 Antibody (Center); Ankyrin repeat and SOCS box protein 7; ASB-7; anti-ASB7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Mouse)
Clonality	Polyclonal
Isotype	IgG
Specificity	This ASB7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-108 amino acids from the Central region of human ASB7.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	82-108
Sequence Length	274
Applicable Applications for anti-ASB7 antibody	ELISA, WB (Western Blot)
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.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

ASB7 Antibody (Center) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the ASB7 antibody detected the ASB7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ASB7 antibody	The protein encoded by this gene belongs to a family of ankyrin repeat proteins that, along with four other protein families, contains a C-terminal SOCS box motif. Growing evidence suggests that the SOCS 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. In this way, SOCS box containing proteins may regulate protein turnover by targeting proteins for polyubiquitination and, therefore, for proteasome-mediated degradation. Two alternative transcripts encoding different isoforms have been described. [provided by RefSeq].
Product Categories/Family for anti-ASB7 antibody	Cell Biology
References	Lamesch, P., et al. Genomics 89(3):307-315(2007) Fu, G.K., et al. Genomics 84(1):205-210(2004) Kile, B.T., et al. Trends Biochem. Sci. 27(5):235-241(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	30089994
NCBI GeneID	140460
NCBI Accession #	NP_078984.2; NP_937886.1
NCBI GenBank Nucleotide #	NM_024708.3
UniProt Accession #	Q9H672; Q6GSJ6; Q7Z4S3; A8K1E5
Molecular Weight	36011
NCBI Official Full Name	ankyrin repeat and SOCS box protein 7 isoform 1
NCBI Official Synonym Full Names	ankyrin repeat and SOCS box containing 7
NCBI Official Symbol	ASB7
NCBI Protein Information	ankyrin repeat and SOCS box protein 7
UniProt Protein Name	Ankyrin repeat and SOCS box protein 7
UniProt Gene Name	ASB7
UniProt Synonym Gene Names	ASB-7
UniProt Entry Name	ASB7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.