

ASB9 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20482a

Specification

ASB9 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q96DX5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	31858
Antigen Region	1-30

ASB9 Antibody (N-term) - Additional Information

Gene ID 140462

Other Names

Ankyrin repeat and SOCS box protein 9, ASB-9, ASB9

Target/Specificity

This ASB9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ASB9.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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.

Precautions

ASB9 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ASB9 Antibody (N-term) - Protein Information

Name ASB9 {ECO:0000303|PubMed:20302626, ECO:0000312|HGNC:HGNC:17184}

Function Substrate-recognition component of a cullin-5-RING E3 ubiquitin-protein ligase complex (ECS complex, also named CRL5 complex), which mediates the ubiquitination and subsequent

proteasomal degradation of target proteins (PubMed:[25654263](#), PubMed:[33268465](#)). The ECS(ASB9) complex catalyzes ubiquitination of creatine kinases CKB and CKMT1A (PubMed:[20302626](#), PubMed:[22418839](#), PubMed:[25654263](#), PubMed:[33268465](#)).

Cellular Location

Mitochondrion.

Tissue Location

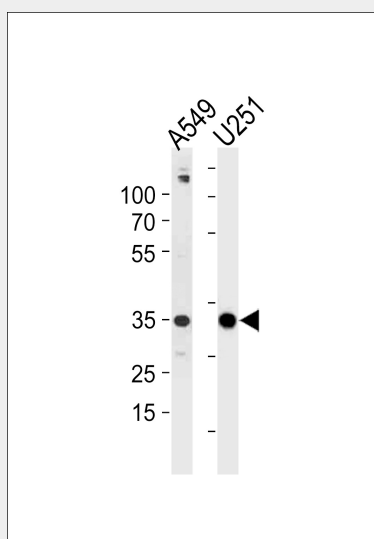
Predominantly expressed in testis, kidney, and liver.

ASB9 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ASB9 Antibody (N-term) - Images



ASB9 Antibody (N-term) (Cat. #AP20482a) western blot analysis in A549,U251 cell line lysates (35ug/lane). This demonstrates the ASB9 antibody detected the ASB9 protein (arrow).

ASB9 Antibody (N-term) - Background

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. Recognizes at least two forms of creatine kinase, CKB and CKMT1A.

ASB9 Antibody (N-term) - References

Fei X., et al. Protein J. 31:275-284(2012).

Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Kwon S., et al. BMC Biol. 8:23-23(2010).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Bechtel S., et al. BMC Genomics 8:399-399(2007).