

**ASB3 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16752a****Specification**

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**ASB3 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9Y575</a>
Other Accession	<a href="#">O9WV72</a> , <a href="#">NP_665862.1</a> , <a href="#">NP_057199.1</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	57745
Antigen Region	15-42

**ASB3 Antibody (N-term) - Additional Information****Gene ID** 100302652;51130**Other Names**

Ankyrin repeat and SOCS box protein 3, ASB-3, ASB3

**Target/Specificity**

This ASB3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-42 amino acids from the N-terminal region of human ASB3.

**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**

ASB3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ASB3 Antibody (N-term) - Protein Information****Name** ASB3**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. Recognizes TNFRSF1B (PubMed:[15899873](#)). Plays a role in the down-regulation of antiviral innate immunity by targeting MAVS for ubiquitin-proteasomal degradation (PubMed:[39266719](#)). Also destabilizes TRAF6 by enhancing its 'Lys-48'-linked polyubiquitination (PubMed:[39162488](#)).

#### Cellular Location

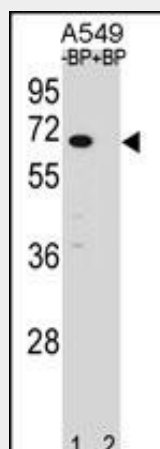
Cytoplasm

#### ASB3 Antibody (N-term) - Protocols

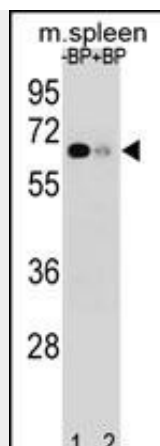
Provided below are standard protocols that you may find useful for product applications.

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

#### ASB3 Antibody (N-term) - Images



Western blot analysis of ASB3 Antibody (N-term) Pab (Cat. #AP16752a) pre-incubated without (lane 1) and with (lane 2) blocking peptide in A549 cell line lysate. ASB3 Antibody (N-term) (arrow) was detected using the purified Pab.



Western blot analysis of ASB3 Antibody (N-term) Pab (Cat. #AP16752a) pre-incubated without (lane 1) and with (lane 2) blocking peptide in mouse spleen tissue lysate. ASB3 Antibody (N-term) (arrow) was detected using the purified Pab.

### ASB3 Antibody (N-term) - Background

The protein encoded by this gene is a member of the ankyrin repeat and SOCS box-containing (ASB) family of proteins. They contain ankyrin repeat sequence and SOCS box domain. The SOCS box serves to couple suppressor of cytokine signalling (SOCS) proteins and their binding partners with the elongin B and C complex, possibly targeting them for degradation. Multiple alternatively spliced transcript variants have been described for this gene but some of the full length sequences are not known.

### ASB3 Antibody (N-term) - References

Yang, Q., et al. BMC Med. Genet. 8 SUPPL 1, S12 (2007) : Chung, A.S., et al. Mol. Cell. Biol. 25(11):4716-4726(2005) Kile, B.T., et al. Trends Biochem. Sci. 27(5):235-241(2002) Kile, B.T., et al. Mol. Cell. Biol. 21(18):6189-6197(2001) Kile, B.T., et al. Gene 258 (1-2), 31-41 (2000) :

### ASB3 Antibody (N-term) - Citations

- [Pan-cancer analysis of ASB3 and the potential clinical implications for immune microenvironment of glioblastoma multiforme](#)
- [Fasting-induced hormonal regulation of lysosomal function.](#)