

ASB4 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13246b**Specification**

ASB4 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9Y574
Other Accession	NP_057200.1 , NP_665879.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48195
Antigen Region	226-255

ASB4 Antibody (C-term) - Additional Information**Gene ID** 51666**Other Names**

Ankyrin repeat and SOCS box protein 4, ASB-4, ASB4

Target/Specificity

This ASB4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 226-255 amino acids from the C-terminal region of human ASB4.

Dilution

WB~~1:1000

IHC-P~~1:10~50

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

ASB4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ASB4 Antibody (C-term) - Protein Information**Name** ASB4**Function** Probable substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box

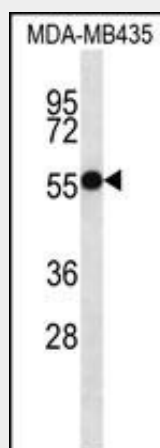
protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Promotes differentiation and maturation of the vascular lineage by an oxygen-dependent mechanism (By similarity).

ASB4 Antibody (C-term) - Protocols

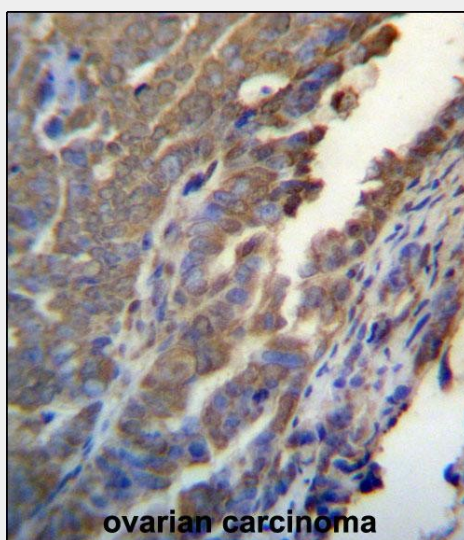
Provided below are standard protocols that you may find useful for product applications.

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

ASB4 Antibody (C-term) - Images



ASB4 Antibody (C-term) (Cat. #AP13246b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the ASB4 antibody detected the ASB4 protein (arrow).



ASB4 Antibody (C-term) (Cat. #AP13246b) immunohistochemistry analysis in formalin fixed and

paraffin embedded human ovarian carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ASB4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ASB4 Antibody (C-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.

ASB4 Antibody (C-term) - References

Li, J.Y., et al. J. Neuroendocrinol. 17(6):394-404(2005)
Kile, B.T., et al. Trends Biochem. Sci. 27(5):235-241(2002)
Kile, B.T., et al. Gene 258 (1-2), 31-41 (2000) :