

## **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 Q9Y574

Other Accession NP 057200.1, NP 665879.1

Reactivity
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region

Human
Rabbit
Polyclonal
Rabbit IgG
A8195
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



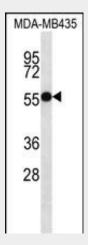
protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Promotes differentiation and maturation of the vascular lineage by an oxygen-dependent mechanism (By similarity).

## **ASB4 Antibody (C-term) - Protocols**

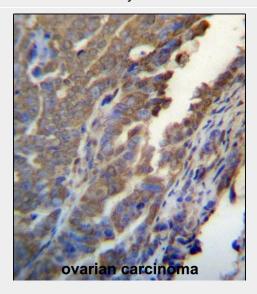
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

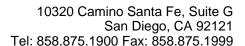
## ASB4 Antibody (C-term) - Images



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):