

ASB4 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13246b**Specification**

ASB4 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9Y574](#)**ASB4 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 51666**Other Names**

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13246b was selected from the C-term region of ASB4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ASB4 Antibody (C-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ASB4 Antibody (C-term) Blocking peptide - Images

ASB4 Antibody (C-term) Blocking peptide - 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) Blocking peptide - 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) :