

ASB2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17253a**Specification**

ASB2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96Q27](#)**ASB2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 51676**Other Names**

Ankyrin repeat and SOCS box protein 2, ASB-2, ASB2

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.

ASB2 Antibody (N-term) Blocking Peptide - Protein Information**Name** ASB2**Function**

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 (PubMed:16325183, PubMed:15590664). Mediates Notch- induced ubiquitination and degradation of substrates including TCF3/E2A and JAK2 (PubMed:21119685). Required during embryonic heart development for complete heart looping (By similarity). Required for cardiomyocyte differentiation (PubMed:32179481).

Cellular Location

Cytoplasm, cytoskeleton, stress fiber

Tissue Location

[Isoform 1]: Expressed in muscle cells.

ASB2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ASB2 Antibody (N-term) Blocking Peptide - Images

ASB2 Antibody (N-term) Blocking Peptide - Background

The protein encoded by this gene is a member of theankyrin repeat and SOCS box-containing (ASB) family of proteins.They contain ankyrin repeat sequence and SOCS box domain. The SOCSbox serves to couple suppressor of cytokine signalling (SOCS)proteins and their binding partners with the elongin B and Ccomplex, possibly targeting them for degradation. This gene isinduced by all-trans retinoic acid. In myeloid leukemia cells, theexpression of this encoded protein has been shown to induce growthinhibition and chromatin condensation. Multiple alternativelyspliced transcript variants have been described for this gene buttheir full length sequences are not known.

ASB2 Antibody (N-term) Blocking Peptide - References

Heuze, M.L., et al. Blood 112(13):5130-5140(2008)Kohroki, J., et al. FEBS Lett. 579(30):6796-6802(2005)Heuze, M.L., et al. J. Biol. Chem. 280(7):5468-5474(2005)Colland, F., et al. Genome Res. 14(7):1324-1332(2004)Namciu, S.J., et al. Mamm. Genome 15(3):162-178(2004)