

ASB1 Rabbit Polyclonal Antibody
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Catalog # AP93318**Specification**

ASB1 Rabbit Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9Y576
Reactivity	Human, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	37014

ASB1 Rabbit Polyclonal Antibody - Additional Information**Gene ID** 51665**Other Names**

Ankyrin repeat and SOCS box protein 1, ASB-1, ASB1, KIAA1146

Storage Conditions

-20°C

ASB1 Rabbit Polyclonal Antibody - Protein Information**Name** ASB1**Synonyms** KIAA1146**Function**

Probable substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed: [16325183](http://www.uniprot.org/citations/16325183)). Mediates Notch-induced ubiquitination and degradation of TCF3/E2A and JAK2 (PubMed: [21119685](http://www.uniprot.org/citations/21119685)). Functions as a tumor suppressor by enhancing CHCHD3 'Lys-48'-linked ubiquitination, leading to inhibition of the CHCHD3/ROS signaling pathway (PubMed: [39113857](http://www.uniprot.org/citations/39113857)). Suppresses TAB2-linked 'Lys-48' polyubiquitination and consequently facilitates the initiation of NF-kappa-B and MAPK signaling cascades (PubMed: [33431678](http://www.uniprot.org/citations/33431678)). May play a role in testis development (By similarity).

Cellular Location

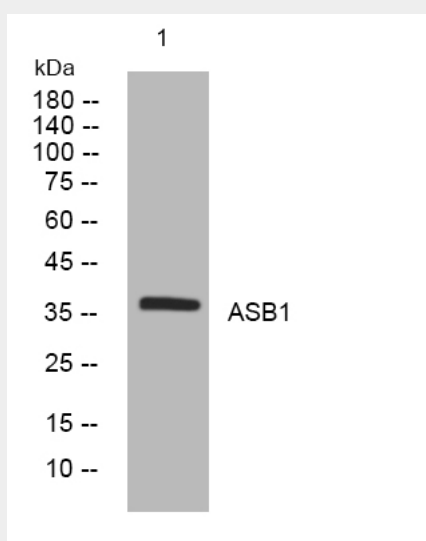
Cytoplasm.

ASB1 Rabbit Polyclonal Antibody - 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](#)

ASB1 Rabbit Polyclonal Antibody - Images



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night

ASB1 Rabbit Polyclonal Antibody - Background

The protein encoded by this gene contains an 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, targeting them for ubiquitination and degradation. [provided by RefSeq, Aug 2016],