



Rabbit Anti-ASB2 antibody

SL2835R

Product Name:	ASB2
Chinese Name:	含锚蛋白重复序列-cell factor信号抑制物盒蛋白家族2抗体
Alias:	Ankyrin repeat and SOCS box 2 containing protein; Ankyrin repeat and SOCS box containing 2; Ankyrin repeat and SOCS box containing protein 2; Ankyrin repeat containing protein ASB2.ASB2_HUMAN
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	65kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ASB2.:501-587/587
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The ankyrin repeat and SOCS box containing (ASB) protein family is comprised of members which each contain "SOCS boxes" but differ from other families of protein in the motifs they contain upstream of the SOCS box. SOCS boxes are carboxy terminal regions of homology found in the suppressor of cytokine signaling family of proteins. The box region is thought to be the point of interaction between SOCS proteins and E3

ubiquitin ligases. 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. The gene is induced by all trans retinoic acid. In myeloid leukemia cells, the expression of this encoded protein has been shown to induce growth inhibition and chromatin condensation. Multiple alternatively spliced transcript variants have been described for this gene but their full length sequences are not known.

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

Subunit:

Component of a probable ECS E3 ubiquitin-protein ligase complex which contains CUL5, either RBX1 or RNF7/RBX2, Elongin BC complex (TCEB1 and TCEB2) and ASB2

Similarity:

Contains 12 ANK repeats
Contains 1 SOCS box domain.

SWISS:

Q96Q27

Gene ID:

51676

Database links:

[Entrez Gene: 51676](#)Human

[Entrez Gene: 65256](#)Mouse

[Entrez Gene: 299266](#)Rat

[Omim: 605759](#)Human

[SwissProt: Q96Q27](#)Human

[SwissProt: Q5U2S6](#)Rat

[Unigene: 27159](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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