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ASB17 Rabbit pAb

Catalog # AP99484

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q8WXJ9
Other Accession	Q8WXJ9
Predicted	Rat, Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34282
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ASB17
Epitope Specificity	81-180/295
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 ANK repeat. Contains 1 SOCS box domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Members of the suppressor of cytokine signaling (SOCS) family of proteins contain C-terminal regions of homology called the SOCS box, which serves to couple SOCS proteins and their binding partners with the Elongin B and C complex. Several other families of proteins also contain SOCS boxes, but differ from the SOCS proteins in the type of domain they contain upstream of the SOCS box. The largest family of SOCS box-containing proteins is the ankyrin repeat and SOCS box-containing (ASB) protein family. Members of the ASB family include ASB-1 through ASB-18 and are involved in a variety of biological processes. ASB-17 is a 295 amino acid member of this family. ASB-17 contains one ankyrin repeat and one SOCS box domain. ASB-17 is thought to be a substrate-recognition subunit of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin protein ligase complex. This complex mediates the ubiquitination of target proteins and their subsequent proteasomal degradation.

Additional Information

Gene ID	127247
Other Names	Asb-17; 4933436O18Rik; ASB17_HUMAN; ASB17; ASB17_MOUSE; ankyrin repeat and SOCS box containing 17; ankyrin repeat and SOCS box-containing 17
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	ASB17
Function	May be a 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.
Tissue Location	Specifically expressed in testis. Not detected in other tissues tested.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.