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ASB11 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20314a

Product Information

Application	WB, E
Primary Accession	Q8WXH4
Other Accession	Q9CQ31, Q3SZE4
Reactivity	Human, Mouse
Predicted	Bovine, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35367
Antigen Region	26-54

Additional Information

Gene ID	140456
Other Names	Ankyrin repeat and SOCS box protein 11, ASB-11, ASB11
Target/Specificity	This ASB11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-54 amino acids from the N-terminal region of human ASB11.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ASB11 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ASB11 {ECO:0000303|PubMed:24337577, ECO:0000312|HGNC:HGNC:17186}
Function	Substrate-recognition component of a cullin-5-RING E3 ubiquitin-protein ligase complex (ECS complex, also named CRL5 complex), which mediates the ubiquitination and subsequent proteasomal degradation of target proteins,

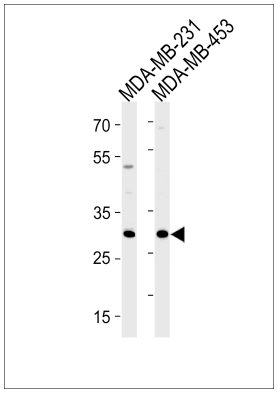
such as BIK, DIRAS2 and RPN1 (PubMed:24337577, PubMed:31387940, PubMed:38574733). The ECS(ASB11) complex acts as a regulator of the endoplasmic reticulum unfolded protein response by mediating ubiquitination and degradation of BIK (PubMed:31387940).

Cellular Location Endoplasmic reticulum

Background

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 (By similarity).

Images



ASB11 Antibody (N-term) (Cat. #AP20314a) western blot analysis in MDA-MB-231,MDA-MB-453 cell line lysates (35ug/lane).This demonstrates the ASB11 antibody detected the ASB11 protein (arrow).

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