

## **ASB11 Antibody (N-term)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20314a

# **Specification**

## **ASB11 Antibody (N-term) - Product Information**

Application WB,E
Primary Accession Q8WXH4

Other Accession <u>O9CO31</u>, <u>O3SZE4</u>

Reactivity Human

Predicted Bovine, Mouse

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 35367
Antigen Region 26-54

# ASB11 Antibody (N-term) - 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.

# ASB11 Antibody (N-term) - 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).

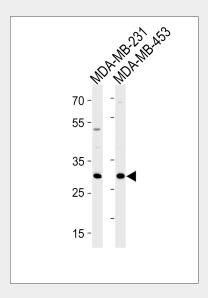
**Cellular Location** Endoplasmic reticulum

# ASB11 Antibody (N-term) - Protocols

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

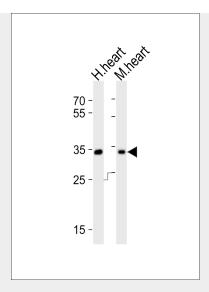
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# ASB11 Antibody (N-term) - 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).





Western blot analysis of lysates from human heart, mouse heart tissue (from left to right), using ASB11 Antibody (N-term)(Cat. #AP20314a). AP20314a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

# ASB11 Antibody (N-term) - 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).