

**ASB10 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58239****Specification****ASB10 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">Q8WXI3</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ASB10
Epitope Specificity	401-450/467
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 7 ANK repeats.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**

ASB10 is a member of the ankyrin repeat and SOCS box-containing (ASB) family of proteins. SOCS boxes are carboxy terminal regions of homology found in the suppressor of cytokine signaling (SOCS) family of proteins. The box region is thought to be the point of interaction between SOCS proteins and E3 ubiquitin ligases. The SOCS box couples the suppressor of cytokine signalling proteins and their binding partners with the elongin B and C complex, possibly targeting them for degradation.

**ASB10 Polyclonal Antibody - Additional Information****Gene ID** 136371**Other Names**

Ankyrin repeat and SOCS box protein 10, ASB-10, ASB10

**Dilution**

WB~1:1000  
IHC-P~N/A  
IHC-F~N/A  
IF~1:50~200  
E~N/A

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**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.

**ASB10 Polyclonal Antibody - Protein Information**

**Name** ASB10

**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.

**Cellular Location**

Cytoplasm. Nucleus. Note=In the ciliary body, it is detected in the cytoplasm and perinuclear region of the pigmented ciliary epithelial layer. In the retina, it is detected in the nuclei of retinal ganglion cells

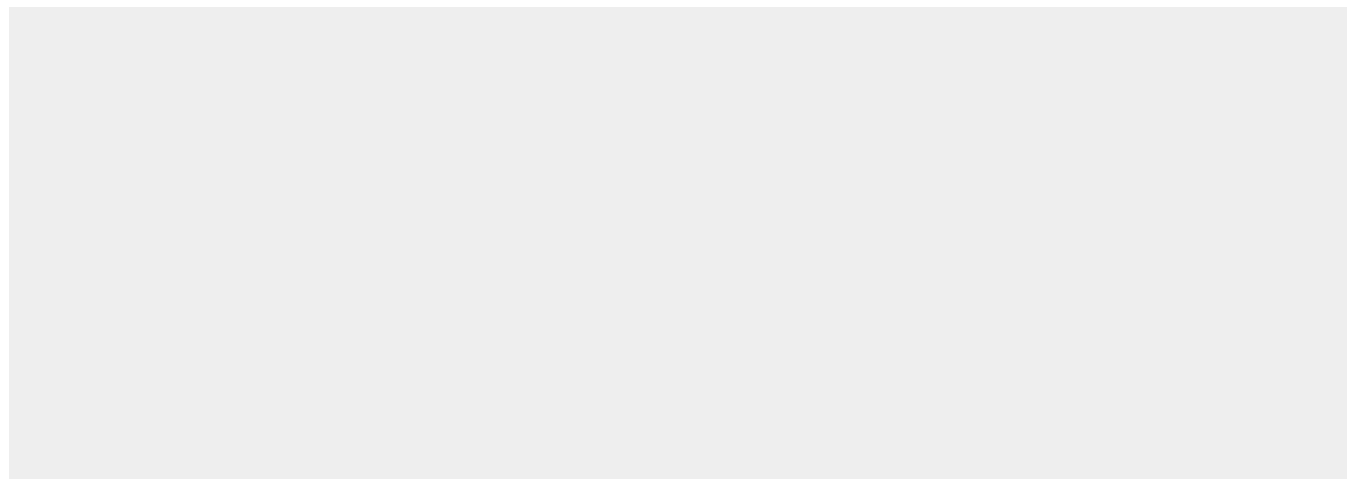
**Tissue Location**

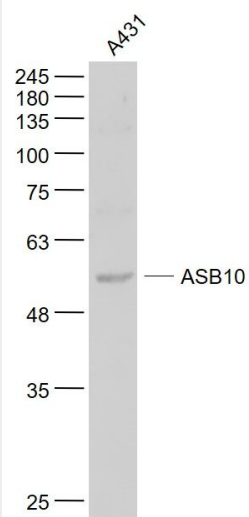
Expressed in the eye. The highest expression is observed in the iris, with moderate levels in the trabecular meshwork (TM), the lamina, and the optic nerve; slightly lower levels in the ciliary body, retina, and choroid; and very low levels in the lens

**ASB10 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](#)

**ASB10 Polyclonal Antibody - Images**



**Sample:**

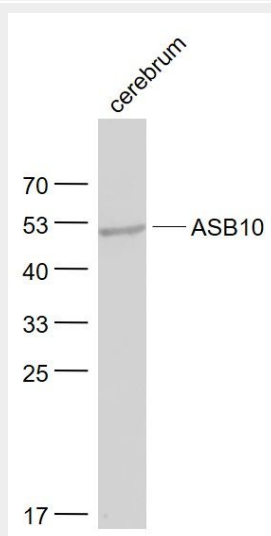
A431(Human) Cell Lysate at 30 ug

Primary: Anti- ASB10 (bs-4653R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 51 kD

Observed band size: 53 kD



**Sample:**

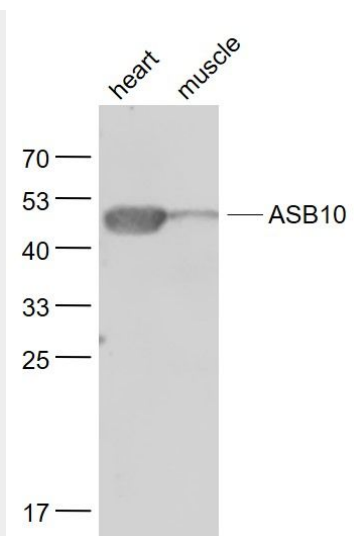
Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti- ASB10 (bs-4653R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 51 kD

Observed band size: 51 kD



**Sample:**

Heart (Mouse) Lysate at 40 ug

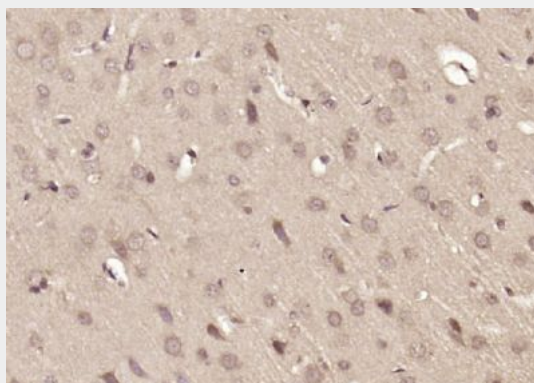
Muscle (Mouse) Lysate at 40 ug

Primary: Anti- ASB10 (bs-4653R) at 1/1000 dilution

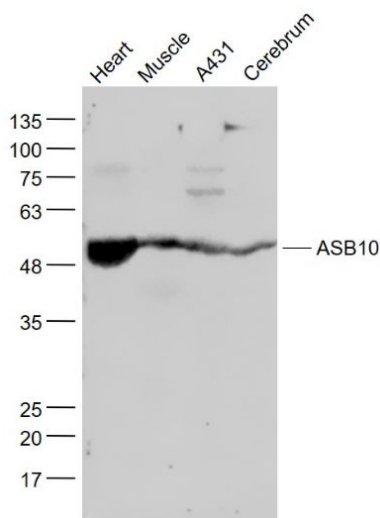
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 51 kD

Observed band size: 51 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ASB10) Polyclonal Antibody, Unconjugated (bs-4653R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample:

Heart (Mouse) Lysate at 40 ug

Muscle (Mouse) Lysate at 40 ug

A431(Human) Cell Lysate at 30 ug

Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti- ASB10 (bs-4653R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 51 kD

Observed band size: 51 kD