



## Rabbit Anti-ASB10 antibody

SL4653R

<b>Product Name:</b>	ASB10
<b>Chinese Name:</b>	含锚蛋白重复序列-cell factor信号抑制物盒蛋白家族10抗体
<b>Alias:</b>	Ankyrin repeat and SOCS box containing 10; Ankyrin repeat and SOCS box protein 10; ASB 10; ASB-10; ASB10; ASB10_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	51kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ASB10.:531-450/467
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.

**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 (By similarity).

**Similarity:**

Contains 7 ANK repeats.

Contains 1 SOCS box domain.

**SWISS:**

Q8WXI3

**Gene ID:**

136371

**Database links:**

[Entrez Gene: 136371](#)Human

[Oimim: 615054](#)Human

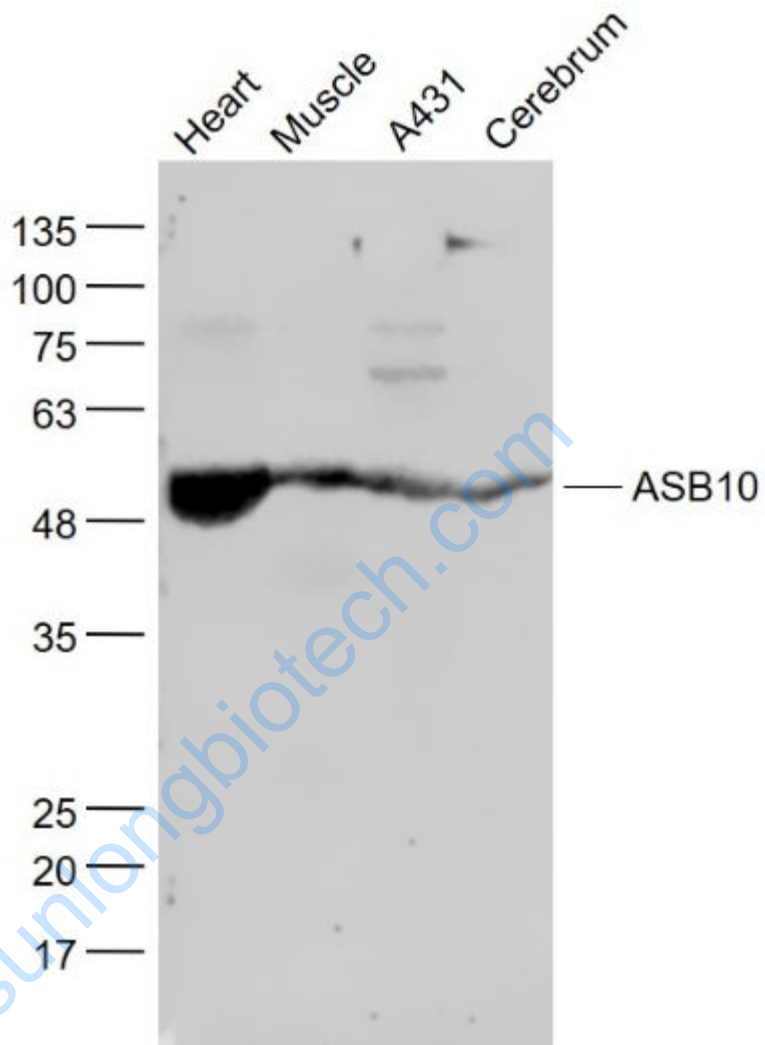
[SwissProt: Q8WXI3](#)Human

[Unigene: 647081](#)Human

**Important Note:**

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

Picture:



Sample:

Heart (Mouse) Lysate at 40 ug

Muscle (Mouse) Lysate at 40 ug

A431(Human) Cell Lysate at 30 ug

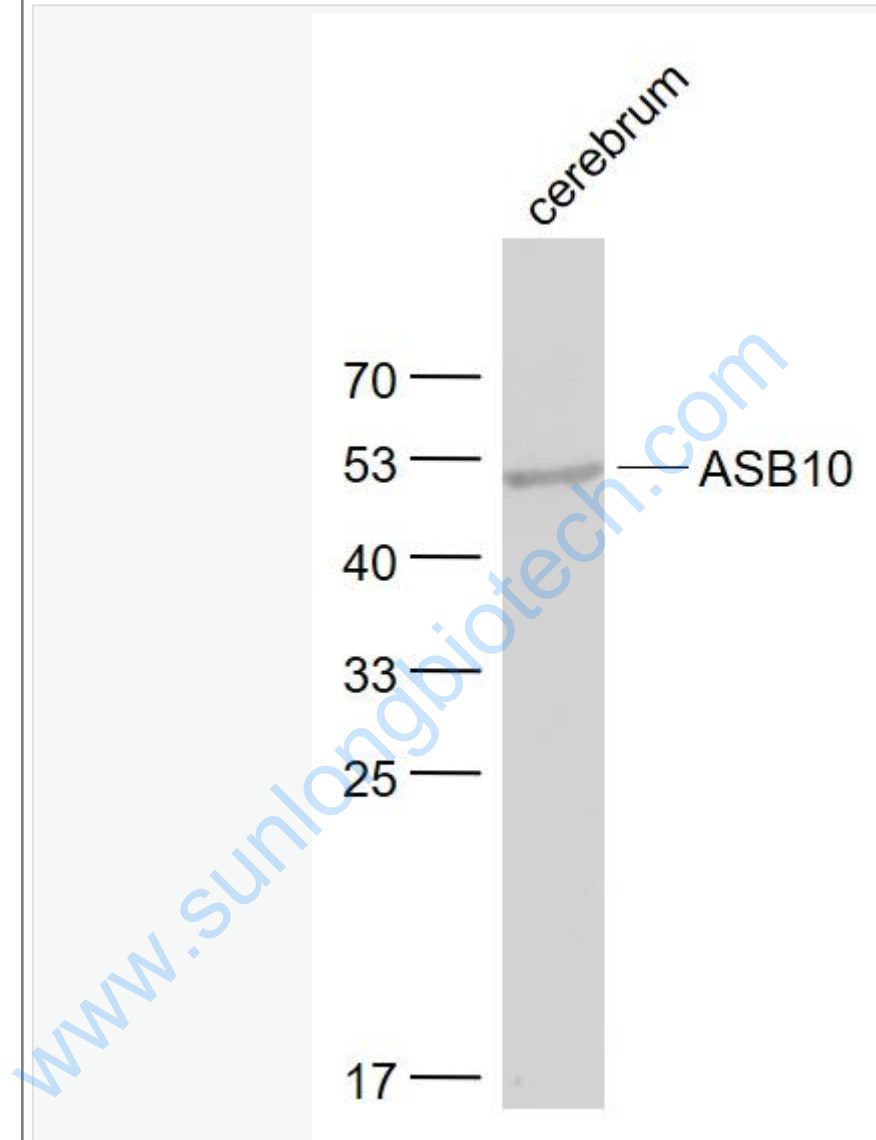
Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti- ASB10 (SL4653R) 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:

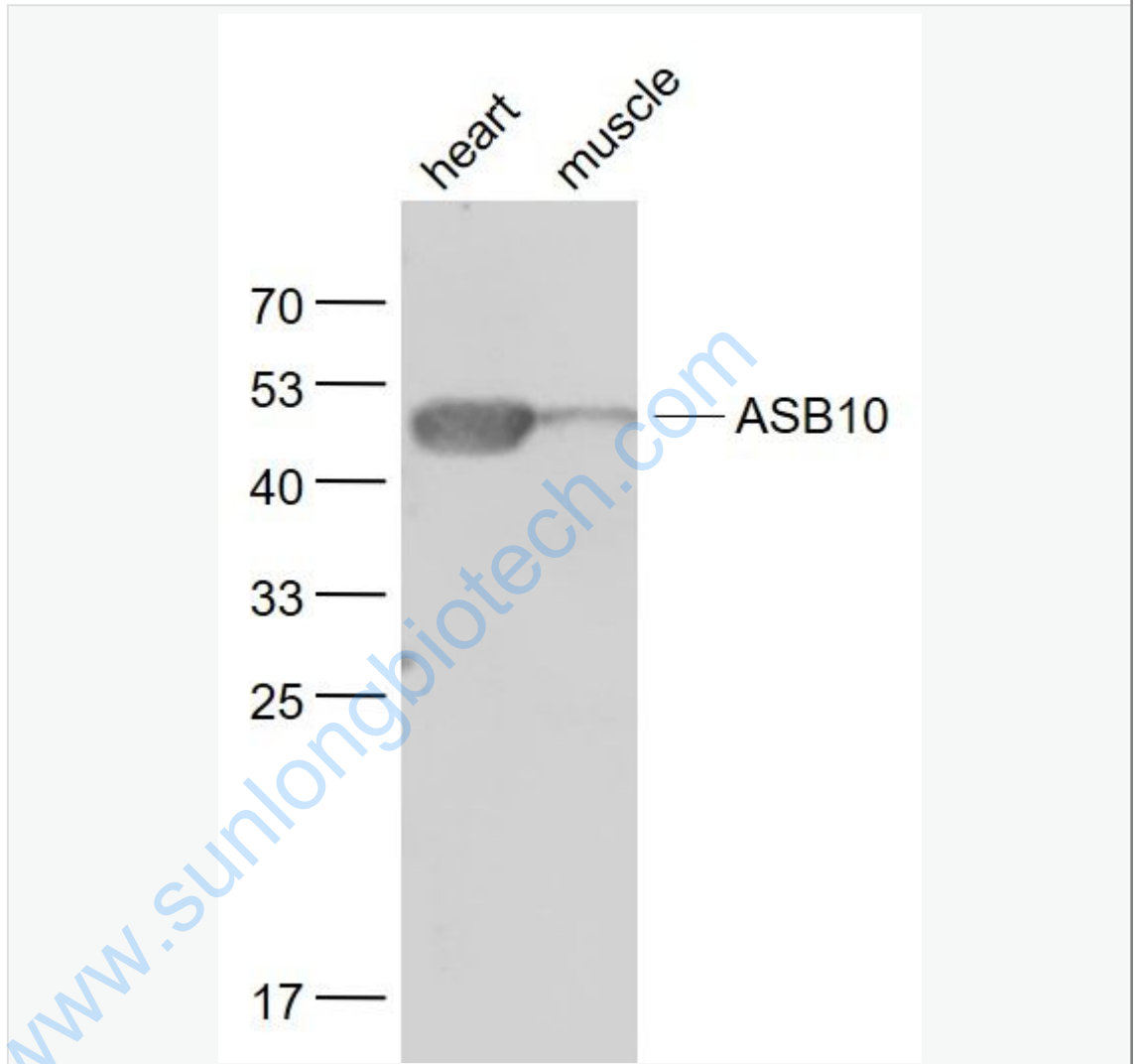
Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti- ASB10 (SL4653R) 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

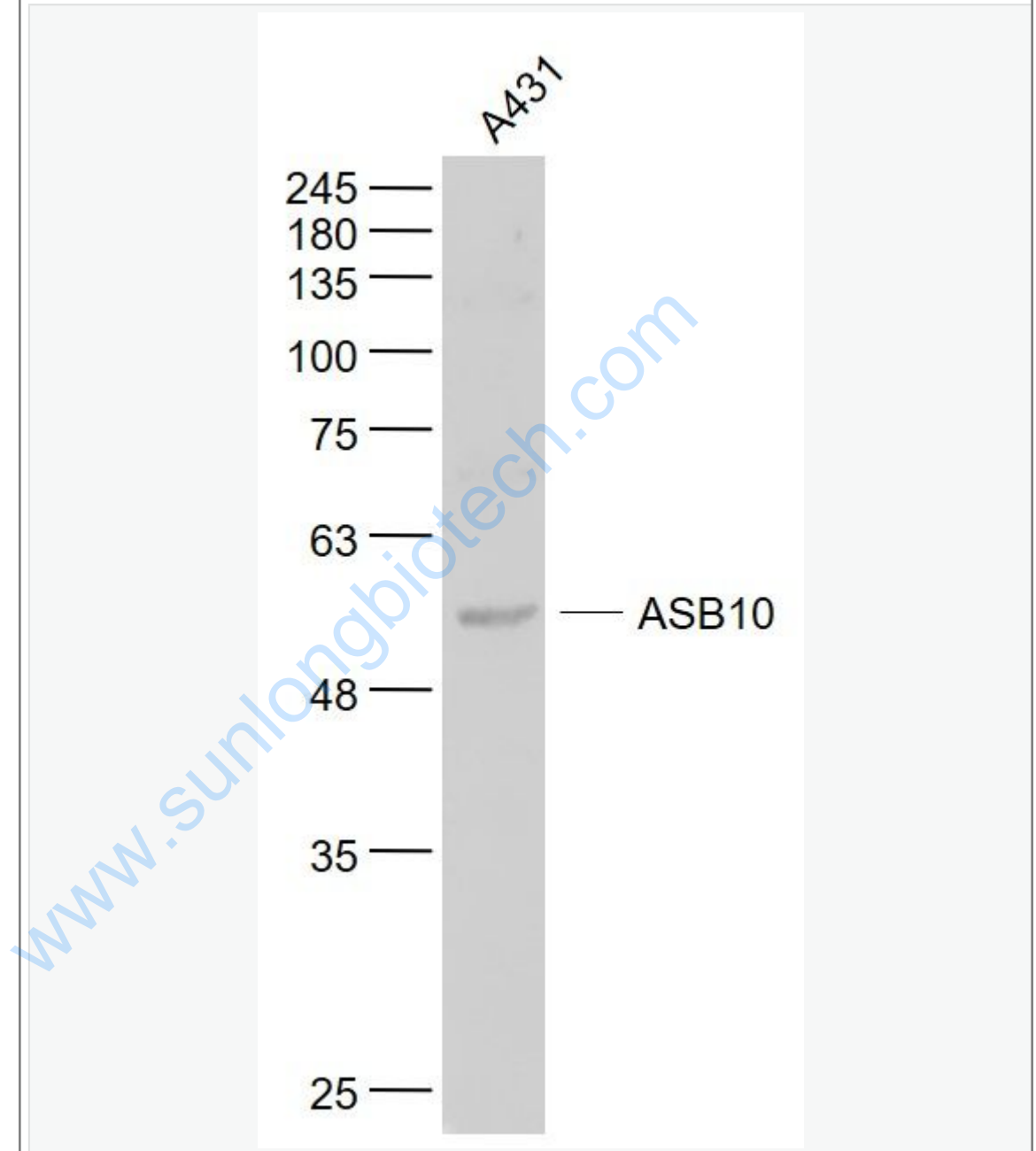
Muscle (Mouse) Lysate at 40 ug

Primary: Anti- ASB10 (SL4653R) 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:

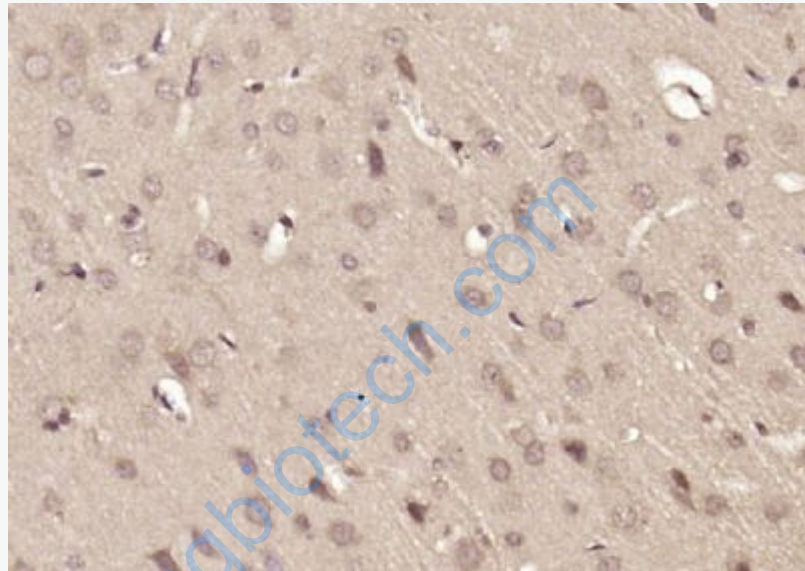
A431(Human) Cell Lysate at 30 ug

Primary: Anti- ASB10 (SL4653R) at 1/1000 dilution

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

Predicted band size: 51 kD

Observed band size: 53 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 (SL4653R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.