Product Name: **CD147 Rabbit Polyclonal Antibody**
Catalog #: **APRab01357**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,FC,IP
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,FC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 42 kDa; Observed MW: 38-58 kDa

Antigen Information

Gene Name	Bsg
Alternative Names	HT-7; CD147; EMMPRIN; AI115436; AI325119
Gene ID	12215.0
SwissProt ID	P18572
Immunogen	Recombinant protein of mouse CD147

Background

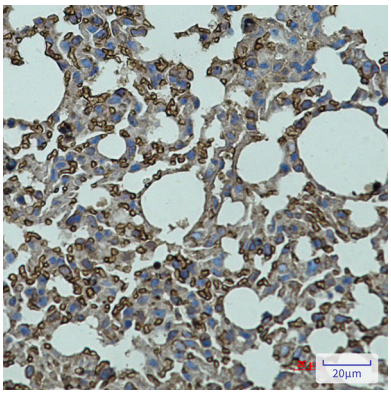
Essential for normal retinal maturation and development. Acts as a retinal cell surface receptor for NXNL1 and plays an important role in NXNL1-mediated survival of retinal cone photoreceptors. In association with glucose transporter

SLC16A1/GLUT1 and NXNL1, promotes retinal cone survival by enhancing aerobic glycolysis and accelerating the entry of glucose into photoreceptors.

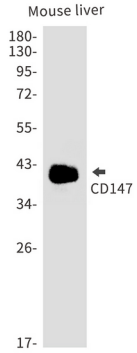
Research Area

Immunology

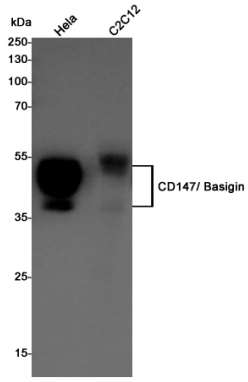
Image Data



Immunohistochemistry analysis of paraffin-embedded mouse lung using CD147 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of CD147 in mouse liver lysates using CD147 antibody.



Western blot analysis of CD147/ Basigin in Hela, C2C12 lysates using CD147/ Basigin antibody