10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CD147 Rabbit pAb

Catalog # AP53526

Product Information

Application	WB, IHC, FC, IP
Primary Accession	P18572
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	42445

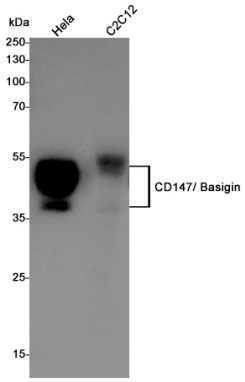
Additional Information

Gene ID	12215
Other Names	Basigin, Basic immunoglobulin superfamily, HT7 antigen, Membrane glycoprotein gp42, CD147, Bsg
Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 IP~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	Bsg
Function	[Isoform 1]: Essential for normal retinal maturation and development (PubMed:10967074, PubMed:11273674, PubMed:11853760). Acts as a retinal cell surface receptor for NXNL1 and plays an important role in NXNL1-mediated survival of retinal cone photoreceptors (PubMed:25957687). 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 (PubMed:25957687).
Cellular Location	[Isoform 1]: Cell membrane; Single-pass type I membrane protein {ECO:0000250|UniProtKB:P26453}. Photoreceptor inner segment. Cell projection, cilium, photoreceptor outer segment
Tissue Location	[Isoform 1]: Retina-specific (PubMed:11273674, PubMed:11853760, PubMed:12939332, PubMed:25957687). Expressed in both rods and cones (at protein level) (PubMed:25957687)

Images



Western blot detection of CD147/ Basigin in Hela,C2C12 cell lysates using CD147/ Basigin Rabbit pAb(1:1000 diluted).Predicted band size:42KDa.Observed band size:38-58KDa.

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