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Anti-ABCA8 Antibody

Catalog # AP50945

Product Information

Application	WB
Primary Accession	O94911
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	183677

Additional Information

Gene ID	10351
Other Names	KIAA0822; ATP-binding cassette sub-family A member 8
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ABCA8. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

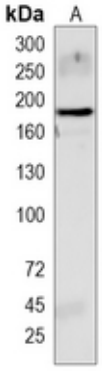
Protein Information

Name	ABCA8 (HGNC:38)
Function	[Isoform 1]: Catalyzes ATP-dependent import of organic anions such as taurocholate and estrone sulfate (PubMed:12379217). In vitro, also imports ochratoxin A (PubMed:12379217). Also mediates cholesterol efflux independent of apolipoprotein, and plays a role in sphingomyelin production in oligodendrocytes (PubMed:23560799).
Cellular Location	Cell membrane; Multi-pass membrane protein. Basolateral cell membrane {ECO:0000250|UniProtKB:Q8K440}. Note=Predominantly expressed on the sinusoidal plasma membrane. {ECO:0000250|UniProtKB:Q8K440}
Tissue Location	Widely expressed with higher expression in heart, skeletal muscle and liver (PubMed:12379217, PubMed:28882873, PubMed:29300488). Highly expressed in the superior frontal white matter and inferior temporal white matter (PubMed:12379217)

References

Nagase T.,et al.DNA Res. 5:355-364(1998).
Ohara O.,et al.Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.
Zody M.C.,et al.Nature 440:1045-1049(2006).
Tsuruoka S.,et al.Biochem. Biophys. Res. Commun. 298:41-45(2002).
Chen R.,et al.J. Proteome Res. 8:651-661(2009).

Images



Western blot analysis of ABCA8 expression in HEK293T (A) whole cell lysates. (Predicted band size: 183 kD; Observed band size: 179 kD)

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