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ABCA8 Polyclonal Antibody

Catalog # AP68227

Product Information

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

Additional Information

Gene ID	10351
Other Names	ABCA8; KIAA0822; ATP-binding cassette sub-family A member 8
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

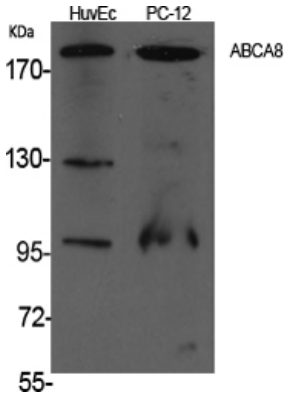
Protein Information

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)

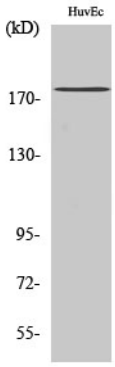
Background

ATP-dependent lipophilic drug transporter.

Images



Western Blot analysis of various cells using ABCA8 Polyclonal Antibody



Western Blot analysis of HuvEc cells using ABCA8 Polyclonal Antibody

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