

ABCA8 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50945**Specification**

ABCA8 Antibody - Product Information

Application	WB, E
Primary Accession	O94911
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	179 KDa

ABCA8 Antibody - Additional Information**Gene ID** 10351**Other Names**

ATP-binding cassette sub-family A member 8, ABCA8, KIAA0822

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

ABCA8 Antibody - Protein Information**Name** ABCA8 ([HGNC:38](#))**Function**

[Isoform 1]: Catalyzes ATP-dependent import of organic anions such as taurocholate and estrone sulfate (PubMed:<<http://www.uniprot.org/citations/12379217>>12379217). In vitro, also imports ochratoxin A (PubMed:<<http://www.uniprot.org/citations/12379217>>12379217). Also mediates cholesterol efflux independent of apolipoprotein, and plays a role in sphingomyelin production in oligodendrocytes (PubMed:<<http://www.uniprot.org/citations/23560799>>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)

ABCA8 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ABCA8 Antibody - Images**ABCA8 Antibody - Background**

ATP-dependent lipophilic drug transporter.

ABCA8 Antibody - 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).