



# ABCA13 rabbit pAb

Cat No.:ES4922

For research use only

## Overview

<b>Product Name</b>	ABCA13 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ABCA13. AA range:2251-2300
<b>Specificity</b>	ABCA13 Polyclonal Antibody detects endogenous levels of ABCA13 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	ATP-binding cassette sub-family A member 13
<b>Gene Name</b>	ABCA13
<b>Cellular localization</b>	Cytoplasmic vesicle membrane ; Multi-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	154664
<b>Human Swiss-Prot Number</b>	Q86UQ4
<b>Alternative Names</b>	ABCA13; ATP-binding cassette sub-family A member 13
<b>Background</b>	In human, the ATP-binding cassette (ABC) family of transmembrane transporters has at least 48 genes and 7 gene subfamilies. This gene is a member of ABC gene subfamily A (ABCA). Genes within the ABCA family typically encode several thousand





amino acids. Like other ABC transmembrane transporter proteins, this protein has 12 or more transmembrane alpha-helix domains that likely arrange to form a single central chamber with multiple substrate binding sites. It is also predicted to have two large extracellular domains and two nucleotide binding domains as is typical for ABCA proteins. Alternative splice variants have been described but their biological validity has not been demonstrated.[provided by RefSeq, Mar 2009],

Immunofluorescence analysis of A549 cells, using ABCA13 Antibody. The picture on the right is blocked with the synthesized peptide.

