

**ABCA13 Polyclonal Antibody**

<b>Catalog No :</b>	YT0042
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	IF;ELISA
<b>Target :</b>	ABCA13
<b>Fields :</b>	>>ABC transporters
<b>Gene Name :</b>	ABCA13
<b>Protein Name :</b>	ATP-binding cassette sub-family A member 13
<b>Human Gene Id :</b>	154664
<b>Human Swiss Prot No :</b>	Q86UQ4
<b>Mouse Swiss Prot No :</b>	Q5SSE9
<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>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 576kD

**Cell Pathway :** ABC transporters;

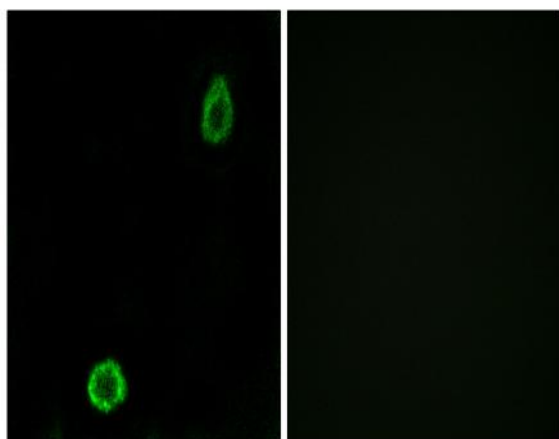
**Background :** In human, the ATP-binding cassette (ABC) family of transmembrane transporters has at least 48 genes and 7 gene subfamilies. This gene is a member of ABC gene subfamily A (ABCA). Genes within the ABCA family typically encode several thousand amino acids. Like other ABC transmembrane transporter 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],

**Function :** sequence caution:Translated as Glu.,similarity:Belongs to the ABC transporter family.,similarity:Contains 2 ABC transporter domains.,tissue specificity:Expressed in testis, bone marrow and trachea.,

**Subcellular Location :** Cytoplasmic vesicle membrane ; Multi-pass membrane protein .

**Expression :** Significantly expressed in the bone marrow, trachea, testis, thyroid and lung as well as in skin fibroblasts.

## Products Images



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