

ABCA4 antibody

Product Information

Catalog No.:	FNab09922
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. This protein is a retina-specific ABC transporter with N-retinylidene-PE as a substrate. It is expressed exclusively in retina photoreceptor cells, indicating the gene product mediates transport of an essential molecule across the photoreceptor cell membrane. Mutations in this gene are found in patients diagnosed with Stargardt disease, a form of juvenile-onset macular degeneration. Mutations in this gene are also associated with retinitis pigmentosa-19, cone-rod dystrophy type 3, early-onset severe retinal dystrophy, fundus flavimaculatus, and macular degeneration age-related 2.

Immunogen information

Immunogen:	ABCA4
Synonyms:	Retinal-specific phospholipid-transporting ATPase ABCA4 ATP-binding cassette sub-family A member 4 RIM ABC transporter (RIM protein, RmP) Retinal-specific ATP-binding cassette transporter Stargardt disease protein ABCA4 ABCR
Observed MW:	256 kDa
Uniprot ID :	P78363

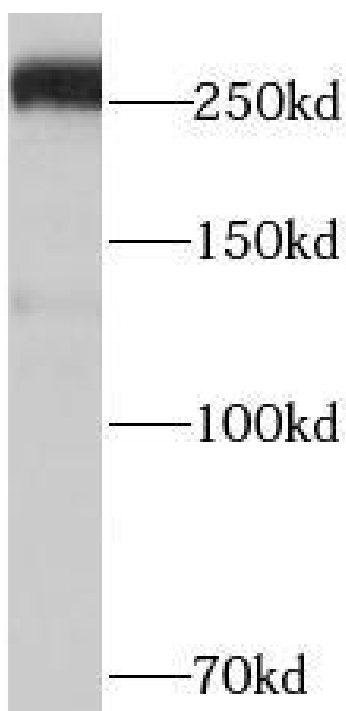
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:500 - 1:2000; IF: 1:50 - 1:200

Image:



BT474 cells were subjected to SDS PAGE followed by western blot with FNab09922 (ABCA4 antibody) at dilution of 1:1000