

ABCA4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13985
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 630-710
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Retinal-specific ATP-binding cassette transporter
Synonyms	Retinal-specific ATP-binding cassette transporter ;ATP-binding cassette sub-family A member 4;RIM ABC transporter;RIM protein;RmP;Stargardt disease protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year