

ABCA4 Rabbit Polyclonal Antibody

Catalog# UZ-PA00145

Product information

产品货号	UZ-PA00145
别名	ABCR
产品名称	ABCA4 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ABCA4
推荐应用	WB,ELISA
反应种属	Human,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Human Gene ID	24
Human Swissprot No.	P78363
免疫原	Synthesized peptide derived from human protein . at AA range: 630-710
稀释度	WB 1:500-2000, ELISA 1:5000-20000
预测分子量	250kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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 several 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
细胞定位	Membrane ; Multi-pass membrane protein . Endoplasmic reticulum . Cytoplasmic vesicle . Cell projection, cilium, photoreceptor outer segment . Localized to the rim and incisures of rod outer segments disks. .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal