Human ABCA13 Alexa Fluor® 405-conjugated Antibody

Monoclonal Rabbit IgG Clone # 2379B
Catalog Number: FAB11195V
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects Human ABCA13 peptide in direct Elisas.
Source	Monoclonal Rabbit IgG Clone # 2379B
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic peptide within aminoacids 4700-4750 of the Human ABCA13 protein Accession # Q86UQ4
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

ATP-binding cassette sub-family A member 13, also known as ABCA13, is a protein that belongs to the ATP-binding cassette family of transporter proteins, a large family with at least 48 members and 7 gene subfamilies. Human ABCA13 is one of the largest known ABC transportes with 12 or more transmembrane alpha-helix domains that likely arrange to form a single central chamber with multiple substrate binding sites. Human ABCA13 has been shown to be associated with psychiatric disorders like schizophrenia and bipolar disorder.

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