

#### DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects Human ABCA13 peptide in direct Elisas.
<b>Source</b>	Monoclonal Rabbit IgG Clone # 2379B
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Synthetic peptide within aminoacids 4700-4750 of the Human ABCA13 protein
	Accession # Q86UQ4
<b>Conjugate</b>	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
<b>Formulation</b>	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 transporters 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.

#### PRODUCT SPECIFIC NOTICES

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