ABHD14B Conjugated Antibody

Catalog No: #C43552

Package Size: #C43552-AF350 100ul #C43552-AF405 100ul #C43552-AF488 100ul #C43552-AF555 100ul #C43552-AF594 100ul #C43552-AF647 100ul #C43552-AF680 100ul #C43552-AF750 100ul #C43552-Biotin 100ul

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Description

Product Name	ABHD14B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ABHD14B protein.
Immunogen Description	Full length fusion protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CIB;HEL-S-299
Accession No.	Swiss-Prot#:Q96IU4NCBI Gene ID:84836NCBI mRNA#:NCBI Protein#:BC007234
Uniprot	Q96IU4
GeneID	84836;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	22
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The Ab hydrolase domain containing (ABHD) gene subfamily is comprised of 15 mostly uncharacterized members. Most of which utilize a serine nucleophile to form the G-X-S-X-G nucleophile elbow. ABHD1 plays a role in metabolizing smoking xenobiotics. ABHD2 participates in the development of atherosclerosis. ABHD4 is involved in an alternative synthesis pathway of NAE. Mutations in ABHD5 contribute to Chanarin-Dorfman syndrome. ABDH6 may play a role in nervous system metabolism and signaling. ABHD14B is a 210 amino acid protein that localizes to both the cytoplasm and the nucleus where it exists as two alternatively spliced isoforms.

Note: This product is for in vitro research use only