

FABP12 Conjugated Antibody

Catalog No: #C43722



Package Size: #C43722-AF350 100ul #C43722-AF405 100ul #C43722-AF488 100ul
 #C43722-AF555 100ul #C43722-AF594 100ul #C43722-AF647 100ul
 #C43722-AF680 100ul #C43722-AF750 100ul #C43722-Biotin 100ul

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Description

Product Name	FABP12 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FABP12 protein.
Immunogen Description	Synthetic peptide of human FABP12
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Accession No.	Swiss-Prot#:A6NFH5NCBI Gene ID:646486NCBI Protein#:NP_001098751
Uniprot	A6NFH5
GeneID	646486;
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
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in 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

Fatty acid-binding proteins, designated FABPs, are a family of homologous cytoplasmic proteins that are expressed in a highly tissue-specific manner and play an integral role in the balance between lipid and carbohydrate metabolism. FABPs mediate fatty acid (FA) and/or hydrophobic ligand uptake, transport and targeting within their respective tissues. The mechanisms underlying these actions can give rise to both passive diffusional uptake and protein-mediated transmembrane transport of FAs. FABP12 (fatty acid-binding protein 12) is a 132 amino acid protein that belongs to the calycin superfamily and fatty-acid binding protein family. Highly expressed in adult retina and testis, FABP12 may function in lipid transport. The gene encoding FABP12 maps to mouse chromosome 3 A1.

Note: This product is for in vitro research use only