

FAT3 Conjugated Antibody

Catalog No: #C37294



Package Size: #C37294-AF350 100ul #C37294-AF405 100ul #C37294-AF488 100ul
 #C37294-AF555 100ul #C37294-AF594 100ul #C37294-AF647 100ul
 #C37294-AF680 100ul #C37294-AF750 100ul #C37294-Biotin 100ul

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Description

Product Name	FAT3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FAT3 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human FAT tumor suppressor homolog 3 (Drosophila)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CDHF15; CDHR10
Accession No.	Swiss-Prot#:Q8TDW7 NCBI Gene ID:120114NCBI Protein#:NP_078858
Uniprot	Q8TDW7
GeneID	120114;
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

FAT1, FAT2, FAT3 and FAT4 are human homologs of *Drosophila* Fat, which is involved in tumor suppression and planar cell polarity (PCP). The atypical cadherin Fat3 ensures that retinal amacrine cells (ACs) develop this unipolar morphology. Fat3 expression was restricted to the nervous system, for example in the brain, it is expressed in a variety of regions and axon fascicles. However, its strongest expression was observed in the olfactory bulb and retina.

Note: This product is for in vitro research use only