AGRN Conjugated Antibody

Catalog No: #C37092

Package Size: #C37092-AF350 100ul #C37092-AF405 100ul #C37092-AF488 100ul #C37092-AF555 100ul #C37092-AF594 100ul #C37092-AF647 100ul #C37092-AF680 100ul #C37092-AF750 100ul #C37092-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	AGRN Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total AGRN protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human agrin
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AGRIN; agrin proteoglycan; AGRN; FLJ45064
Accession No.	Swiss-Prot#:O00468 NCBI Gene ID:375790NCBI Protein#:NP_705841
Uniprot	O00468
GeneID	375790;
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

This gene encodes one of several proteins that are critical in the development of the neuromuscular junction (NMJ), as identified in mouse knock-out studies. The encoded protein contains several laminin G, Kazal type serine protease inhibitor, and epidermal growth factor domains. Additional post-translational modifications occur to add glycosaminoglycans and disulfide bonds. In one family with congenital myasthenic syndrome affecting limb-girdle muscles, a mutation in this gene was found.

Note: This product is for in vitro research use only