

EIF2B5 Conjugated Antibody

Catalog No: #C47095



Package Size: #C47095-AF350 100ul #C47095-AF405 100ul #C47095-AF488 100ul
 #C47095-AF555 100ul #C47095-AF594 100ul #C47095-AF647 100ul
 #C47095-AF680 100ul #C47095-AF750 100ul #C47095-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	EIF2B5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total EIF2B5 protein.
Immunogen Description	Synthetic peptide of human EIF2B5
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CLE; CACH; LVWM; EIF-2B; EIF2Bepsilon
Accession No.	Swiss-Prot#:Q13144 NCBI Gene ID:8893NCBI Protein#:NP_003898
Uniprot	Q13144
GeneID	8893;
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 five subunits of eukaryotic translation initiation factor 2B (EIF2B), a GTP exchange factor for eukaryotic initiation factor 2 and an essential regulator for protein synthesis. Mutations in this gene and the genes encoding other EIF2B subunits have been associated with leukoencephalopathy with vanishing white matter.

Note: This product is for in vitro research use only