

EIF3B Conjugated Antibody

Catalog No: #C47098



Package Size: #C47098-AF350 100ul #C47098-AF405 100ul #C47098-AF488 100ul
 #C47098-AF555 100ul #C47098-AF594 100ul #C47098-AF647 100ul
 #C47098-AF680 100ul #C47098-AF750 100ul #C47098-Biotin 100ul

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Description

Product Name	EIF3B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total EIF3B protein.
Immunogen Description	Synthetic peptide of human EIF3B
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PRT1; EIF3S9; EIF3-ETA; EIF3-P110; EIF3-P116
Accession No.	Swiss-Prot#:P55884 NCBI Gene ID:8662NCBI Protein#:NP_003742
Uniprot	P55884
GeneID	8662;
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

Eukaryotic initiation factor 3 subunit B (eIF3B) is one of at least 13 non-identical protein subunits of eukaryotic initiation factor 3 (eIF3). eIF3 is the largest eIF (~650 kDa) and functions to facilitate binding of the 40S ribosomal subunit to the 5'-end of cellular mRNAs near the cap structure (m⁷GpppN). eIF3B is a conserved subunit and part of the functional core of eIF3. It bears a non-canonical RNA recognition motif (RRM) and interacts directly with the eIF3S1 subunit.

Note: This product is for in vitro research use only