EIF6 Conjugated Antibody

Catalog No: #C32448

Package Size: #C32448-AF350 100ul #C32448-AF405 100ul #C32448-AF488 100ul #C32448-AF555 100ul #C32448-AF594 100ul #C32448-AF647 100ul #C32448-AF680 100ul #C32448-AF750 100ul #C32448-Biotin 100ul

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Description

Product Name	EIF6 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total EIF6 protein.
Immunogen Description	Recombinant protein of human EIF6.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CAB;EIF3A;eIF-6;p27BBP;ITGB4BP
Accession No.	Swiss-Prot#:P56537NCBI Gene ID:3692
Uniprot	P56537
GeneID	3692;
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
Calculated MW	27
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

Product Description

Antibodies were purified by affinity purification using immunogen.

Background

Eukaryotic initiation factor 6 (eIF6) is reqiured for the 60S ribosomal subunit assembly in the nucleolus (1). In the cytoplasm, this protein is bound to 60S ribosome subunits and prevents them from joining 40S ribosome subunits to form 80S ribosomes (2). eIF6 is also shown to associate with the RNA-induced silencing complex (RISC) (3). Deletion of eIF6 abolishes the miRNA-mediated gene silencing (3). eIF6 may play its essential role in miRNA-mediated silencing by inhibiting translation initiation or ribosome recycling (3).

Note: This product is for in vitro research use only