EIF3K Conjugated Antibody

Catalog No: #C34680

Package Size: #C34680-AF350 100ul #C34680-AF405 100ul #C34680-AF488 100ul #C34680-AF555 100ul #C34680-AF594 100ul #C34680-AF647 100ul #C34680-AF680 100ul #C34680-AF750 100ul #C34680-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	EIF3K Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total EIF3K protein.
Immunogen Description	Synthesized peptide derived from internal of human EIF3K.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Eukaryotic translation initiation factor 3 subunit KoΩ½oΩ½Eukaryotic translation initiation factor 3 subunit 12;eIF-3 p25;eIF-3 p28;eIF3k;Muscle-specific gene M9 protein
Accession No.	Swiss-Prot#:Q9UBQ5NCBI Gene ID:27335
Uniprot	Q9UBQ5
GeneID	27335;
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	30
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

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAi and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. HAMAP-Rule MF_03010

Note: This product is for in vitro research use only