E2AK3 Conjugated Antibody

Catalog No: #C34086

Package Size: #C34086-AF350 100ul #C34086-AF405 100ul #C34086-AF488 100ul #C34086-AF555 100ul #C34086-AF594 100ul #C34086-AF647 100ul #C34086-AF680 100ul #C34086-AF750 100ul #C34086-Biotin 100ul

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Support: tech@signalwayantibody.com

Description

Product Name	E2AK3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total E2AK3 protein.
Immunogen Description	Synthesized peptide derived from internal of human E2AK3.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	E2AK3;EC 2.7.11.1;EIF2AK3;Eukaryotic translation initiation factor 2-alpha kinase 3 precursor;HsPEK
Accession No.	Swiss-Prot#:Q9NZJ5NCBI Gene ID:9451
Uniprot	Q9NZJ5
GeneID	9451;
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	125
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

Phosphorylates the alpha subunit of eukaryotic translation-initiation factor 2 (EIF2), leading to its inactivation and thus to a rapid reduction of translational initiation and repression of global protein synthesis. Serves as a critical effector of unfolded protein response (UPR)-induced G1 growth arrest due to the loss of cyclin-D1 (CCND1) By similarity.

Note: This product is for in vitro research use only