

CPI17 α (Ab-38) Conjugated Antibody

Catalog No: #C21281



Package Size: #C21281-AF350 100ul #C21281-AF405 100ul #C21281-AF488 100ul
 #C21281-AF555 100ul #C21281-AF594 100ul #C21281-AF647 100ul
 #C21281-AF680 100ul #C21281-AF750 100ul #C21281-Biotin 100ul

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Description

Product Name	CPI17 α (Ab-38) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total CPI17 α protein.
Immunogen Description	Peptide sequence around aa.36~40 (R-V-T-V-K) derived from Human CPI17 α .
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CPI;CPI-17;CPI17;PP14A
Accession No.	Swiss-Prot#:Q96A00NCBI Gene ID:94274NCBI mRNA#:NM_033256.1 NCBI Protein#:NP_150281.1
Uniprot	Q96A00
GeneID	94274;
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	17
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 produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

Inhibitor of PPP1CA. Has over 1000-fold higher inhibitory activity when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction.

Note: This product is for in vitro research use only