C/EBP-ε (Phospho-Thr74) Conjugated Antibody

Catalog No: #C11686

Package Size: #C11686-AF350 100ul #C11686-AF405 100ul #C11686-AF488 100ul #C11686-AF555 100ul #C11686-AF594 100ul #C11686-AF647 100ul #C11686-AF680 100ul #C11686-AF750 100ul #C11686-Biotin 100ul

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Description

Product Name	C/EBP-ε (Phospho-Thr74) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of C/EBP-ε only when phosphorylated at threonine 74
Immunogen Description	Peptide sequence around phosphorylation site of threonine 174 (L-A-T(p)-A-A) derived from Human C/EBP-ε.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CEBPE;C/EBP epsilon;CCAAT/enhancer binding protein epsilon
Accession No.	Swiss-Prot#:Q15744NCBI Gene ID:1053NCBI mRNA#:NM_001805.3. NCBI Protein#:NP_001796.2.
Uniprot	Q15744
GeneID	1053;
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	34
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 phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Background

C/EBP are DNA-binding proteins that recognize two different motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers.

Note: This product is for in vitro research use only