

## PKA R2 (Phospho-S99) Conjugated Antibody

Catalog No: #C13379



Package Size: #C13379-AF350 100ul #C13379-AF405 100ul #C13379-AF488 100ul  
 #C13379-AF555 100ul #C13379-AF594 100ul #C13379-AF647 100ul  
 #C13379-AF680 100ul #C13379-AF750 100ul #C13379-Biotin 100ul

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## Description

Product Name	PKA R2 (Phospho-S99) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Apoptotic cysteine protease antibody Apoptotic protease Mch 5 antibody C/EBP alpha antibody C/ebpalpha antibody CAP4 antibody Caspase 8 precursor antibody CBF-A antibody CCAAT Enhancer Binding Protein alpha antibody CCAAT/enhancer binding protein (C/EBP), alpha antibody CCAAT/enhancer-binding protein alpha antibody CEBP antibody CEBP A antibody CEBP alpha antibody Cebpa antibody CEBPA_HUMAN antibody FADD homologous ICE/CED 3 like protease antibody FADD like ICE antibody FLICE antibody ICE like apoptotic protease 5 antibody ICE8 antibody MACH antibody MCH5 antibody MORT1 associated CED 3 homolog antibody
Accession No.	Swiss-Prot#:P49715
Uniprot	P49715
GeneID	1050;
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	43
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

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## Background

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The transcription factor C/EBP  $\alpha$  (CCAAT-enhancer binding protein) is a heat-stable, sequence-specific DNA-binding protein that binds avidly to several different cis-regulatory DNA sequences commonly associated with viral and cellular genes transcribed by RNA polymerase II. C/EBP  $\alpha$  regulates gene expression in a variety of tissues including liver, adipose, lung and intestine. C/EBP  $\alpha$  is a basic region/leucine zipper transcription factor selectively expressed during the differentiation of liver, adipose tissue, blood cells and the endocrine pancreas. C/EBP  $\alpha$  uses a bipartite structural motif to bind DNA and appears to function exclusively in terminally differentiated, growth-arrested cells. In the liver, C/EBP  $\alpha$  is a transactivator of several genes, which are regulated by growth hormone. Growth hormone enhances not only the levels of C/EBP  $\alpha$  mRNA and protein, but also the DNA binding activity of C/EBP  $\alpha$ . C/EBP  $\alpha$  functions as an important transcription factor that regulates different genes, including prolactin gene expression.

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Note: This product is for in vitro research use only