

Caspase 9 (Phospho-Thr125) Conjugated Antibody

Catalog No: #C11649



Package Size: #C11649-AF350 100ul #C11649-AF405 100ul #C11649-AF488 100ul
 #C11649-AF555 100ul #C11649-AF594 100ul #C11649-AF647 100ul
 #C11649-AF680 100ul #C11649-AF750 100ul #C11649-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	Caspase 9 (Phospho-Thr125) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antiserum was produced against synthesized phosphopeptide derived from human Caspase 9 around the phosphorylation site of threonine 125 (P-E-TP-P-R).
Immunogen Description	Peptide sequence around phosphorylation site of threonine 125 (P-E-T(p)-P-R) derived from Human Caspase 9.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	APAF-3;MCH6;RNCASP9;CASP-9;ICE-LAP6
Accession No.	Swiss-Prot#:P55211NCBI Gene ID:842NCBI mRNA#:NM_001229.4. NCBI Protein#:NP_001220.2.
Uniprot	P55211
GeneID	842;
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	47
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 chromatography using non-phosphopeptide.

Background

Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Isoform 2 lacks activity is a dominant-negative inhibitor of caspase-9.

Note: This product is for in vitro research use only