

Caspase-3 Conjugated Antibody

Catalog No: #C48562



Package Size: #C48562-AF350 100ul #C48562-AF405 100ul #C48562-AF488 100ul
 #C48562-AF555 100ul #C48562-AF594 100ul #C48562-AF647 100ul
 #C48562-AF680 100ul #C48562-AF750 100ul #C48562-Biotin 100ul

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

Description

Product Name	Caspase-3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms
Immunogen Description	Synthetic peptide (KLH-coupled) within human Caspase-3 N-terminal.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	A830040C14Rik antibody Apopain antibody CASP-3 antibody CASP3 antibody CASP3_HUMAN antibody Casp3a antibody Caspase 3 antibody Caspase 3, apoptosis-related cysteine peptidase antibody Caspase 3, apoptosis-related cysteine protease antibody Caspase 3, apoptosis-related cysteine protease a antibody Caspase-3 subunit p12 antibody CC3 antibody CPP-32 antibody CPP32 antibody CPP32B antibody Cysteine protease CPP32 antibody EC 3.4.22.56 antibody LICE antibody mldy antibody OTTHUMP00000165052 antibody OTTHUMP00000165053 antibody OTTHUMP00000165054 antibody PARP cleavage protease antibody Procaspase3 antibody Protein Yama antibody SCA 1 antibody SCA-1 antibody SREBP cleavage activity 1 antibody Yama antibody
Accession No.	Swiss-Prot#:P42574
Uniprot	P42574
GeneID	836;
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	31 kDa
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

Background

Caspase-3 (CPP-32, Apoptain, Yama, SCA-1) is a critical executioner of apoptosis, as it is either partially or totally responsible for the proteolytic cleavage of many key proteins, such as the nuclear enzyme poly (ADP-ribose) polymerase (PARP). Heterotetramer that consists of two anti-parallel arranged heterodimers, each one formed by a 17 kDa (p17) and a 12 kDa (p12) subunit.

Note: This product is for in vitro research use only