

Calpain 2 Conjugated Antibody

Catalog No: #C49593



Package Size: #C49593-AF350 100ul #C49593-AF405 100ul #C49593-AF488 100ul
 #C49593-AF555 100ul #C49593-AF594 100ul #C49593-AF647 100ul
 #C49593-AF680 100ul #C49593-AF750 100ul #C49593-Biotin 100ul

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

Description

Product Name	Calpain 2 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	Calcium activated neutral proteinase 2 antibody Calcium activated neutral proteinase antibody Calcium-activated neutral protease 2, catalytic subunit antibody Calcium-activated neutral proteinase 2 antibody CALP80 antibody Calpain 2 (m/II) large subunit antibody Calpain 2 catalytic subunit antibody Calpain 2 large catalytic subunit antibody Calpain 2 large subunit antibody Calpain 2, large [catalytic] subunit antibody Calpain large polypeptide L2 antibody Calpain M type antibody Calpain M-type antibody Calpain-2 catalytic subunit antibody Calpain-2 large subunit antibody Calpain2 antibody CAN2_HUMAN antibody CANP 2 antibody CANP L2 antibody CANP2 antibody CANPL 2 antibody CANPL2 antibody CANPml antibody Capa2 antibody CAPN 2 antibody CAPN2 antibody FLJ39928 antibody M calpain antibody M calpin antibody M type antibody M-calpain antibody mCANP antibody Millimolar calpain antibody Millimolar-calpain antibody
Accession No.	Swiss-Prot#:P17655
Uniprot	P17655
GeneID	824;
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	80 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

Calpain, an intracellular calcium-dependent protease that cleaves cytoskeletal and submembranous proteins, is thought to play a role in cytoskeletal reorganization and muscle protein degradation. Calpain exists as a heterodimer composed of a small regulatory subunit and one of three large catalytic subunits, designated Calpain 1, Calpain 2 and Calpain p94. Calpastatin regulates calpain by inhibiting both the proteolytic activity of calpain and its binding to membranes. Calpastatin exists in two types, tissue type and erythrocyte type, resulting from both alternative splicing and proteolytic processing.

Note: This product is for in vitro research use only