

Caveolin 2 (Phospho-Tyr27) Conjugated Antibody

Catalog No: #C11778



Package Size: #C11778-AF350 100ul #C11778-AF405 100ul #C11778-AF488 100ul

#C11778-AF555 100ul #C11778-AF594 100ul #C11778-AF647 100ul

#C11778-AF680 100ul #C11778-AF750 100ul #C11778-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Caveolin 2 (Phospho-Tyr27) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of Caveolin 2 only when phosphorylated at tyrosine 27.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 27 (L-E-Y(p)-A-D) derived from Human Caveolin 2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CAV2; Caveolin-2
Accession No.	Swiss-Prot#:P51636NCBI Gene ID:858NCBI mRNA#:NM_001233.4. NCBI Protein#:NP_001224.1.
Uniprot	P51636
GeneID	858;
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	26
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

The protein encoded by this gene is a major component of the inner surface of caveolae, small invaginations of the plasma membrane, and is involved in essential cellular functions, including signal transduction, lipid metabolism, cellular growth control and apoptosis. This protein may function as a tumor suppressor. CAV1 and CAV2 are located next to each other on chromosome 7 and express colocalizing proteins that form a stable hetero-oligomeric complex. Two transcript variants encoding distinct isoforms have been identified for this gene. By using alternative initiation codons in the same reading frame, two isoforms (alpha and beta) are encoded by one transcript.

Note: This product is for in vitro research use only