

Caveolin-2 (phospho Tyr27) Polyclonal Antibody

Catalog No: #13999

Package Size: #13999-1 50ul #13999-2 100ul

Description

Product Name	Caveolin-2 (phospho Tyr27) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,ELISA
Species Reactivity	Human
Specificity	Phospho-Caveolin-2 (Y27) Polyclonal Antibody detects endogenous levels of Caveolin-2 protein only when phosphorylated at Y27.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Caveolin 2 around the phosphorylation site of Tyr27. AA range:12-61
Conjugates	Unconjugated
Other Names	CAV2; Caveolin-2
Accession No.	Swiss Prot:P51636GeneID:858
SDS-PAGE MW	26
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Background

caveolin 2(CAV2) Homo sapiens 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. This gene and related family member (CAV1) are located next to each other on chromosome 7, and express colocalizing proteins that form a stable hetero-oligomeric complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. Additional isoforms resulting from the use of alternate in-frame translation initiation codons have also been described, and shown to have preferential localization in the cell (PMID:11238462). [provided by RefSeq, May 2011],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.