

Phospho-Caveolin-2 (Y27) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-PHS00454
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Caveolin 2 around the phosphorylation site of Tyr27. AA range:12-61
Mol wt	18291
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Phospho-Caveolin-2 (Y27) Antibody
Synonyms	CAV2; Caveolin-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by *CAV2* (caveolin 2) 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. *CAV2* 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 *CAV2*. 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).

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year

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