

Product datasheet for **AP55796PU-S**

Caveolin 2 (CAV2) pTyr27 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1:500~1:1000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of tyrosine 27 (L-E-Y(p)-A-D) derived from Human Caveolin 2 (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of Caveolin 2 only when phosphorylated at tyrosine 27.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	26 kDa
Gene Name:	caveolin 2
Database Link:	Entrez Gene 858 Human P51636



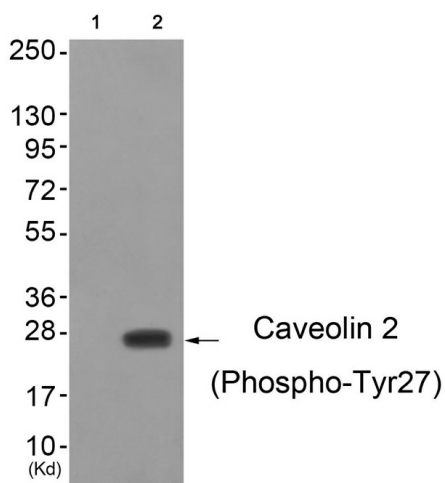
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Background:

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.

Synonyms:

CAV2

Product images:

Western blot analysis of extracts from cos-7 cells (Lane 2), using Caveolin 2 (Phospho-Tyr27) Antibody. The lane on the left is treated with antigen-specific peptide.