

Product name:	Caveolin 2 (CAV2)
Cat number:	AB-81515
Conjugate:	Unconjugated
Size:	100µg
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Reactivity:	Hu
Applications:	Western blot: 1:1000 Immunohistochemistry (Paraffin-embedded Section): 1:1000-1:500 Immunofluorescence: 1:200 Immunocytochemistry/Immunofluorescence: 1:200 Flow Cytometry: 1-3µg/1x10 ⁶
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Storage:	Store at -20°C for one year from date of receipt. Avoid repeated freeze-thaw cycles
Background:	Caveolin-2 is a protein that in humans is encoded by the CAV2 gene. It is mapped to 7q31.1-q31.2. 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 Caveolin-2 is a protein related to caveolin-1 which is derived caveolin-enriched membranes. CAV2 and CAV1 are similar in most respects and they differ in their functional interactions with heterotrimeric G proteins. Both of them are expressed in neuronal cells. Caveolin-2 was upregulated in response to neuronal cell injury.