

## Goat anti-Caveolin 1 Antibody

<b>Item Number</b>	dAP-0661
<b>Target Molecule</b>	Principle Name: Caveolin 1; Official Symbol: CAV1; All Names and Symbols: CAV1; caveolin 1, caveolae protein, 22kDa ; HGNC:1527; CAV; MSTP085; VIP21; caveolae protein, 22-kD; caveolin 1; caveolin 1 caveolae protein, 22kD; caveolin 1, alpha isoform; caveolin 1, beta isoform; cell growth-inhibiting protein 32; BSCL3; CGL3; MSTP08; Accession Number (s): NP_001744.2; NP_001166366.1; Human Gene ID(s): 857; Non-Human GeneID(s): 12389 (mouse) 25404 (rat)
<b>Immunogen</b>	DELSEKQVYDAH, is from internal region This antibody is expected to recognize both reported isoforms (NP_001744.2; NP_001166366.1). Reported variants represent identical protein: NP_001166367.1, NP_001166368.1, NP_001166366.1. No cross-
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	Western Blot: Approx 24+22kDa band observed in Human Spleen lysates. These bands correspond to earlier findings in literature with different antibodies (Wiechen et al Am J Pathol. 2001 Mar;158(3):833-9, PMID: 11238032). This protein has a calculated MW o
<b>IHC</b>	
<b>Reference</b>	Reference(s): Cavallo-Medved D, Mai J, Dosescu J, Sameni M, Sloane BF. Caveolin-1 mediates the expression and localization of cathepsin B, pro-urokinase plasminogen activator and their cell-surface receptors in human colorectal carcinoma cells. J Cell Sci. 2005 Mar 15; [Epub ahead of print] .PMID: 15769846 -

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**