

Goat anti-STMN1 / Stathmin 1 Antibody

Item Number	dAP-0779
Target Molecule	Principle Name: STMN1 / Stathmin 1; Official Symbol: STMN1; All Names and Symbols: STMN1; stathmin 1/oncoprotein 18 ; LAP18; Lag; OP18; PP17; PP19; PR22; SMN ; Pr22 protein; leukemia-associated phosphoprotein p18; metastatin; oncoprotein 18; phosphoprotein 19; prosolin; stathmin 1; stathmin 1 variant; Accession Number (s): NP_005554.1; NP_981944.1; NP_981946.1; Human Gene ID(s): 3925; Non-Human GeneID(s):
Immunogen	KNKESKDPADETEAD, is from C Terminus This antibody is expected to cross-react with isoform 1 a (NP_005554.1; NP_981944.1; NP_981946.1) only. The three reported isoforms (NP_005554.1, NP_981944.1 and NP_981946.1) represent identical
Applications	Pep ELISA, WB, EIA Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	Western Blot: Approx 17kDa band observed in Human Testis and Mouse Brain lysates (calculated MW of 17.3kDa according to NP_005554.1, NP_981944.1 and NP_981946.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Miyashita H, Kanemura M, Yamazaki T, Abe M, Sato Y. Vascular endothelial zinc finger 1 is involved in the regulation of angiogenesis: possible contribution of stathmin/OP18 as a downstream target gene. Arterioscler Thromb Vasc Biol. 2004 May;24(5):878-84. Epub 2004 Mar 18. .PMID: 15031128 ->

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**