

## Goat anti-STMN2 / SCG10 Antibody

<b>Item Number</b>	dAP-0516
<b>Target Molecule</b>	Principle Name: STMN2 / SCG10; Official Symbol: STMN2; All Names and Symbols: STMN2; SCG10; stathmin-like 2; SGC10; SCGN10; Superiorcervical ganglia, neural specific 10; superior cervical ganglia, neural specific 10; neuronal growth-associated protein (silencer element); Accession Number (s): NP_008960.2; Human Gene ID(s): 11075; Non-Human GenelD(s): 20257 (mouse)
<b>Immunogen</b>	AKTAMAYKEK, is from N Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse
<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 128000.
<b>Western Blot</b>	Western Blot: Approx 20kDa band observed in Mouse Foetal Brain lysates (calculated MW of 20.8kDa according to NP_079561.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Bahn S, Mimmack M, Ryan M, Caldwell MA, Jauniaux E, Starkey M, Svendsen CN, Emson P. Neuronal target genes of the neuron-restrictive silencer factor in neurospheres derived from fetuses with Down's syndrome: a gene expression study. Lancet. 2002 Jan 26;359(9303):310-

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**