

Goat anti-SCOC Antibody

Item Number	dAP-2335
Target Molecule	Principle Name: SCOC; Official Symbol: SCOC; All Names and Symbols: SCOC; short coiled-coil protein; SCOCO; short coiled coil protein; Accession Number (s): NP_001146956.1; NP_001147135.1; NP_001147024.1; NP_115936.2; NP_001147107.1; NP_001147162.1; Human Gene ID(s): 60592; Non-Human GenID(s): 56367 (mouse) 364981 (rat)
Immunogen	HTLEDLSARVDAVKE, is from internal region (near C Terminus) This antibody is expected to recognize all six reported isoforms (NP_001146956.1; NP_001147135.1; NP_001147024.1; NP_115936.2; NP_001147107.1; NP_001147162.1). Reported variants represent identi-
Applications	Pep ELISA, WB Species Tested: Human
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 32000.
Western Blot	Western Blot: Approx 16kDa band observed in Human Skeletal Muscle lysates (calculated MW of 18.0kDa according to NP_001146956.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Papanayotou C, Mey A, Birot AM, Saka Y, Boast S, Smith JC, Samarat J, Stern CD, A mechanism regulating the onset of Sox2 expression in the embryonic neural plate. PLoS biology 2008 Jan 6 (1): e2.. PMID: 18184035->

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 end users! This product is sold for **Research Use Only**