

Goat anti-14-3-3 sigma / Stratifin Antibody

Item Number	dAP-0766
Target Molecule	Principle Name: 14-3-3 sigma / Stratifin; Official Symbol: SFN; All Names and Symbols: SFN; 14-3-3sigma; stratifin; HGNC:10773; YWHAS; Accession Number (s): NP_006133.1; Human Gene ID(s): 2810; Non-Human GeneID(s): 55948 (mouse) 313017 (rat)
Immunogen	DLHTLSEDSYKDST, is from internal region
Applications	Pep ELISA, WB, IHC 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 16000.
Western Blot	Western Blot: Approx. 28kDa band observed in Human Skin lysates (calculated MW of 27.8kDa according to NP_006133.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Skin shows strong nuclear staining in selected cells of the basal layer. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Lodygin D, Hermeking H. The role of epigenetic inactivation of 14-3-3sigma in human cancer. Cell Res. 2005 Apr;15(4):237-46. Review..PMID: 15857578->

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**