

Goat anti-SPINT2 Antibody

Item Number	dAP-2816
Target Molecule	Principle Name: SPINT2; Official Symbol: SPINT2; All Names and Symbols: SPINT2; serine peptidase inhibitor, Kunitz type, 2; DIAR3; FLJ45571; HAI-2; HAI2; Kop; PB; hepatocyte growth factor activator inhibitor type 2; placental bikinin; serine protease inhibitor, Kunitz type, 2; Accession Number (s): NP_066925.1; NP_001159575.1; Human Gene ID(s): 10653; Non-Human GenelD(s): 20733 (mouse) 292770 (rat)
Immunogen	SGDDKEQLVKNT, is from C Terminus This antibody is expected to recognize to recognize both reported isoforms (NP_066925.1; NP_001159575.1).
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 1000.
Western Blot	Western Blot: Approx 20kDa band observed in Human Placenta lysates (calculated MW of 21.8kDa according to NP_001159575.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Sivagnanam M, Janecke AR, Mäller T, Heinz-Erian P, Taylor S, Bird LM, Case of syndromic tufting enteropathies harbors SPINT2 mutation seen in congenital sodium diarrhea. Clinical dysmorphology 2010 Jan 19 (1): 48.. PMID: 20009592->

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**