



## Goat anti-SPINT2 Antibody

<b>Item Number</b>	dAP-2202
<b>Target Molecule</b>	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 bikunin; serine protease inhibitor, Kunitz type, 2; Accession Number (s): NP_066925.1; NP_001159575.1; Human Gene ID(s): 10653; Non-Human GeneID(s):
<b>Immunogen</b>	PSAPRRQDSEDH, is from internal region This antibody is expected to recognize both reported isoforms (NP_066925.1; NP_001159575.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<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 16000.
<b>Western Blot</b>	Western Blot: Approx 19kDa band observed in Human Placenta lysates (calculated MW of 21.8kDa according to NP_001159575.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Sivagnanam M, Janecke AR, Müller T, Heinz-Erian P, Taylor S, Bird LM, Case of syndromic tufting enteropathy 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 ender users! This product is sold for **Research Use Only**