

## Goat anti-SPON2 (301-315) Antibody

Item Number	dAP-2584
Target Molecule	Principle Name: SPON2 (301-315); Official Symbol: SPON2; All Names and Symbols: SPON2; spondin 2, extracellular matrix protein; DIL-1; DIL1; DKFZp686G21139; FLJ16313; FLJ22401; FLJ34460; M-SPONDIN; MINDIN; differentially expressed in cancerous and non-cancerous lung cells 1; spondin-2; Accession Number (s): NP_036577.1; Human Gene ID(s): 10417; Non-Human GenelD(s): 100689 (mouse) 171569 (rat)
Immunogen	RTRYVVRVQPANNGSP, is from internal region (near C Terminus) Reported variants represent identical protein: NP_036577.1, NP_001121797.1, NP_001185950.1
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 16000.
Western Blot	Western Blot: Approx 35kDa band observed in lysates of cell line A549 (calculated MW of 35.8kDa according to NP_036577.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Liao CH, Yeh SC, Huang YH, Chen RN, Tsai MM, Chen WJ, Chi HC, Tai PJ, Liao CJ, Wu SM, Cheng WL, Pai LM, Lin KH. Positive regulation of spondin 2 by thyroid hormone is associated with cell migration and invasion. <i>Endocr Relat Cancer</i> . 2010 Jan 29;17(1):99-111.. PMID: 19903741->

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**