

Goat anti-SSP29 / ANP32B Antibody

Item Number	dAP-0168
Target Molecule	Principle Name: SSP29 / ANP32B; Official Symbol: ANP32B; All Names and Symbols: ANP32B; SSP29; APRIL; PHAPI2; acidic (leucine-rich) nuclear phosphoprotein 32 family, member B; acidic protein rich in leucines; OTTHUMP00000063770; Accession Number (s): NP_006392.1; Human Gene ID(s): 10541; Non-Human GeneID(s): 67628 (mouse) 170724 (rat)
Immunogen	KRKRETDDEGEDD, is from C Terminus This antibody does NOT recognize theTNF family member also known as APRIL - Gene ID number 8741. However this antibody may cross-react with ANP32A (GeneID 8125).
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse, Rat, Pig
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 Tonsil lysates, and approx 30kDa band observed in Rat and Pig Spleen lysates and in lysates of cell line NIH3T3 (calculated MW of 28.8kDa according to Human NP_006392.1, 31.1kDa according to Mouse NP_5709
IHC	Immunohistochemistry: In paraffin embedded Human Breast shows nuclear staining in lobular cells. Recommended concentration: 3-5µg/ml.
Reference	Reference(s): Zhu L, Perlaky L, Henning D, Valdez BC. Cloning and characterization of a new silver-stainable protein SSP29, a member of the LRR family. Biochem Mol Biol Int. 1997 Aug;42(5):927-35..PMID: 9285060->

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**