



Goat anti-STIM1 Antibody

Item Number	dAP-0954
Target Molecule	Principle Name: STIM1; Official Symbol: STIM1; All Names and Symbols: STIM1; stromal interaction molecule 1 ; D11S4896E; GOK; Accession Number (s): NP_003147.2; Human Gene ID(s): 6786; Non-Human GeneID(s): 20866 (mouse) 361618 (rat)
Immunogen	YIQNRYSKEHMKK, is from internal region
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 32000.
Western Blot	Western Blot: Successful use of this antibody was reported in Western blot showing an approx. 80kDa in Human platelets: PMID 18439569
IHC	
Reference	Reference(s): Huang GN, Zeng W, Kim JY, Yuan JP, Han L, Muallem S, Worley PF. STIM1 carboxyl-terminus activates native SOC, I(crac) and TRPC1 channels. Nat Cell Biol. 2006 Aug 13; [Epub ahead of print] .PMID: 16906149 ->

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**