

Goat anti-SH2D3A / NSP1 Antibody

Item Number	dAP-1741
Target Molecule	Principle Name: SH2D3A / NSP1; Official Symbol: SH2D3A; All Names and Symbols: SH2D3A; NSP1; SH2 domain containing 3A; SH2 domain-containing 3A; novel SH2-containing protein 1; Accession Number (s): NP_005481.2; Human Gene ID(s): 10045; Non-Human GeneID(s):
Immunogen	APRAERFEKFQR, is from internal region (near C terminus)
Applications	Pep ELISA, WB, IHC 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. 60kDa band observed in Human Lung and Tonsil lysates (calculated MW of 63.1kDa according to NP_005481.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: Paraffin embedded Human Colon. Recommended concentration: 5µg/ml.
Reference	Reference(s): Near RI, Zhang Y, Makkinje A, Vanden Borre P, Lerner A. AND-34/BCAR3 differs from other NSP homologs in induction of anti-estrogen resistance, cyclin D1 promoter activation and altered breast cancer cell morphology. Journal of cellular physiology 2007 Sep 212 (3): 655-65..PMID: 17427198->

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**