

Goat anti-OAS2 Antibody

Item Number	dAP-3085
Target Molecule	Principle Name: OAS2 ; Official Symbol: OAS2; All Names and Symbols: OAS2; 2'-5'-oligoadenylate synthetase 2, 69/71kDa; (2'-5')oligo(A) synthetase 2; 2'-5'-oligoadenylate synthetase 2; 2-5A synthetase 2; p69 OAS / p71 OAS; Accession Number (s): NP_058197.2; NP_002526.2; NP_001027903.1; Human Gene ID (s): 4939; Non-Human GeneID(s):
Immunogen	RKTVLRGNSDGT, is from internal region (near N terminus) This antibody is expected to recognize all reported isoforms (NP_058197.2; NP_002526.2; NP_001027903.1).
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 128000.
Western Blot	Western Blot: Approx 85 +19kDa bands observed in lysates of cell line Jurkat (calculated MW of 82.4kDa according to NP_058197.2 and of 19.5kDa according to NP_001027903.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Dugan JW, Albor A, David L, Fowlkes J, Blackledge MT, Martin TM, Planck SR, Rosenzweig HL, Rosenbaum JT, Davey MP. Nucleotide oligomerization domain-2 interacts with 2'-5'-oligoadenylate synthetase type 2 and enhances RNase-L function in THP-1 cells. Molecular immunology 2009 Dec 47 (2-

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**