



## Goat anti-OAS1 Antibody

<b>Item Number</b>	dAP-3047
<b>Target Molecule</b>	Principle Name: OAS1; Official Symbol: OAS1; All Names and Symbols: OAS1; 2'-5'-oligoadenylate synthetase 1, 40/46kDa; IFI-4; OIAS; OIASI; (2-5')oligo(A) synthase 1; (2-5')oligo(A) synthetase 1; 2',5'-oligo A synthetase 1; 2',5'-oligoadenylate synthetase 1, 40/46kDa; 2'-5' oligoadenylate synthetase 1 p48 isoform; 2'-5'-ol; Accession Number (s): NP_058132.2; Human Gene ID(s): 4938; Non-Human GeneID(s):
<b>Immunogen</b>	THEYPHFSHRPST, is from internal region (near C terminus) This antibody is expected to recognize isoforms 1 (NP_058132.2) only.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 50kDa band observed in lysates of cell line HepG2 (calculated MW of 46.0kDa according to NP_058132.2). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Li CZ, Kato N, Chang JH, Muroyama R, Shao RX, Dharel N, Sermsathanasawadi R, Kawabe T, Omata M. Polymorphism of OAS-1 determines liver fibrosis progression in hepatitis C by reduced ability to inhibit viral replication. Liver international : official journal of the International Association for the Study of

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**