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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB12370 - Goat Anti-OAS1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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' oligoadenylate synthetase 1 p52 isoform, 2'-5'-oligoadenylate synthase 1, 2'-5'-oligoisoadenylate synthetase 1, 2-5A synthase 1, 2-5A synthetase 1, E18/E16, p46/p42 OAS

Official Symbol: OAS1

Accession Number(s): NP_058132.2

Human GeneID(s): [4938](#)

Important Comments: This antibody is expected to recognize isoforms 1 (NP_058132.2) only.

Immunogen

Peptide with sequence C-THEYPHFSHRPST, from the internal region (near C terminus) of the protein sequence according to NP_058132.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

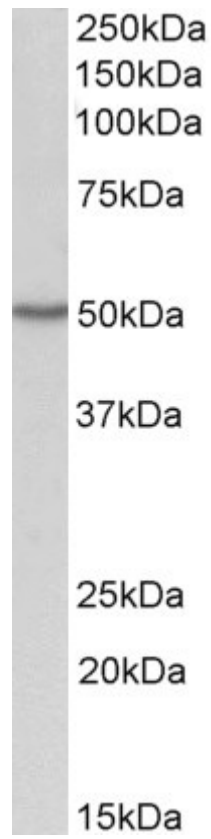
Peptide ELISA: antibody detection limit dilution 1:128000.

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.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12370 (1 μ g/ml) staining of HepG2 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.