

International Office

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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, 40/46kDa, 2'-5' oligoadenylate synthetase 1 p48 isoform, 2'-5' oligoadenylate synthetase 1 p52 isoform, 2'-5'-oligoadenylate 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.

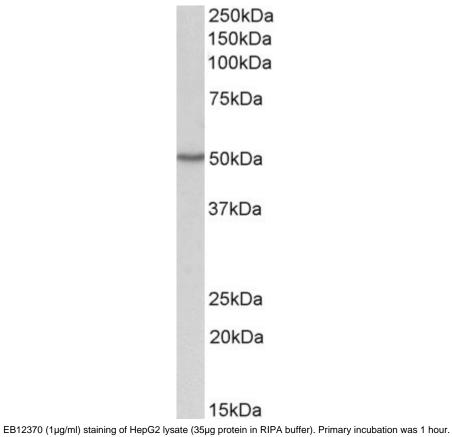
Applications Tested

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