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Research Use Only. Not for diagnostic or therapeutic use.

EB12373 - Goat Anti-OAS2 (aa357-371) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: OAS2, 2'-5'-oligoadenylate synthetase 2, 69/71kDa, (2'-5')oligo(A) synthetase 2, 2'-5'-oligoadenylate synthase 2, 2-5A synthase 2, p69 OAS / p71 OAS

Official Symbol: OAS2

Accession Number(s): NP_058197.2; NP_002526.2

Human GeneID(s): 4939

Important Comments: This antibody is expected to recognize reported isoform 1

(NP_058197.2) and isoform 2 (NP_002526.2).

Immunogen

Peptide with sequence QPNKCFLEQIDSAVN, from the internal region of the protein sequence according to NP_058197.2; NP_002526.2.

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.

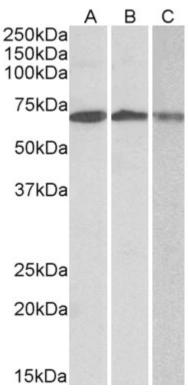
Western blot: Approx 70kDa band observed in lysates of cell lines Daudi, Jurkat and K562 (calculated MW of 78.8kDa according to NP_002526.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Lin et al, J Immunol. 2009 Dec 15;183(12):8035-43. PMID: 19923450). Recommended concentration: 0.3-1μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Breast. Recommended concentration: 5µg/ml.

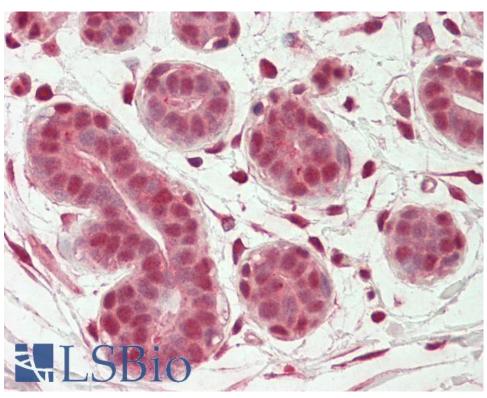
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12373 (0.3μg/ml) staining of Daudi (A), Jurkat (B) and K562 (C) lysates (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB12373 (5µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.