



## UK Office

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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.