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Research Use Only. Not for diagnostic or therapeutic use.

EB05582 - Goat Anti-IRF2 Antibody

Size: 100µg specific antibody in 200µl

C

Target Protein

Principal Names: IRF2, interferon regulatory factor 2, DKFZp686F0244, IRF-2 Official Symbol: IRF2 Accession Number(s): NP_002190.2 Human GeneID(s): <u>3660</u> Non-Human GeneID(s): 16363 (mouse)

Immunogen

Peptide with sequence KTSDITQARVKSC, from the C Terminus of the protein sequence according to NP_002190.2.

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 1:2000.

Western blot: Approx 48kDa band observed in lysates of cell line Jurkat (calculated MW of 39.3kDa according to NP_002190.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Li et al, Invest Ophthalmol Vis Sci. 1999 Apr;40(5):976-82.; PMID: 10102295. Recommended concentration: 1-3µg/ml.

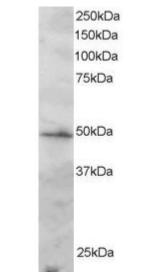
Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

Specific Reference

This antibody has been successfully used in the following paper:

Liljeroos M, Vuolteenaho R, Rounioja S, Henriques-Normark B, Hallman M, Ojaniemi M. Bacterial ligand of TLR2 signals Stat activation via induction of IRF1/2 and interferon-alpha production. Cell Signal. 2008 Oct;20(10):1873-81. PMID: 18652890



EB05582 staining (2µg/ml) of Jurkat lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.