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

EB05404 - Goat Anti-IRF6 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: IRF6, interferon regulatory factor 6, LPS, PIT, PPS, VWS, OFC6

Official Symbol: IRF6

Accession Number(s): NP_006138.1

Human GeneID(s): [3664](#)

Non-Human GeneID(s): 54139 (mouse)

Immunogen

Peptide with sequence C-TPSMLPPALPPQ, from the C Terminus of the protein sequence according to NP_006138.1.

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 1:32000.

Western blot: Approx 60kDa band observed in Human Ovary lysates (calculated MW of 53.1kDa according to NP_006138.1). In transfected HEK293 transiently expressing IRF6 a band of approx. 55kDa is observed. This band is not observed in the non-transfected HEK293. Recommended for use at 0.2-0.6µg/ml.

IHC: In paraffin embedded Human Kidney shows strong nuclear staining in DCT and glomerulus. Recommended concentration: 2-3µg/ml. Paraffin embedded Human Prostate. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB05404 staining (0.2µg/ml) of Human Ovary lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.

HEK293 overexpressing IRF6 (RC201579) and probed with EB05404 (mock transfection in first lane), tested by Origene.

EB05404 (2.5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB05404 (5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.