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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-TPSMQLPPALPPQ, 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

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:4000.

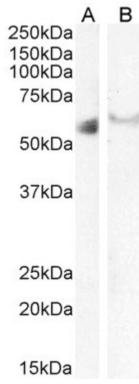
**Western blot:** Approx 58-60kDa band observed in Human Ovary and approx. 60kDa in Human Kidney lysates (calculated MW of 53.1kDa according to NP\_006138.1). The observed molecular weight corresponds to different antibodies from other commercial sources. Recommended concentration: 2-3µg/ml. Primary incubation 1 hour at room temperature.

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

### **Species Reactivity**

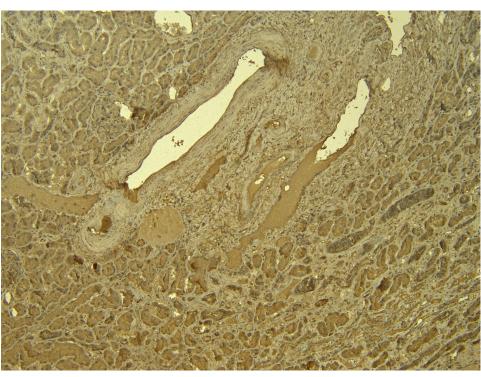
Tested: Human

Expected from sequence similarity: Human

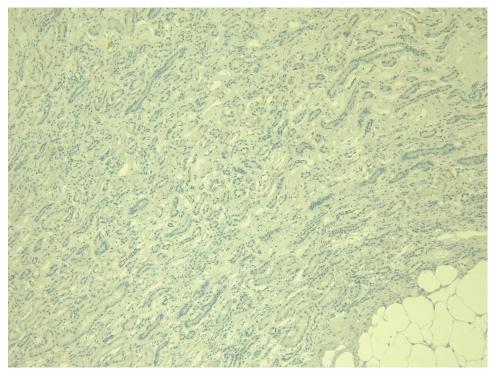


EB05404 staining (2μg/ml) of Human Ovary (A) and Kidney (B) lysate (RIPA buffer, 35μg total protein per lane).

Detected by chemiluminescence.



EB05404 ( $5\mu g/ml$ ) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



 ${\sf EB05404\ Negative\ Control\ showing\ staining\ of\ paraffin\ embedded\ Human\ Kidney,\ with\ no\ primary\ antibody.}$