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# EB05513 - Goat Anti-PAX8 (N Terminus) Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: PAX8, paired box gene 8, paired domain gene 8, paired box 8

Official Symbol: PAX8

Accession Number(s): NP\_003457.1; NP\_039245.1; NP\_039246.1; NP\_039247.1;

NP\_054698.1

Human GeneID(s): 7849

Non-Human GenelD(s): 18510 (mouse), 81819 (rat)

Important Comments: This antibody is expected to recognise all five human isoforms (as

represented by NP\_003457.1; NP\_039245.1; NP\_039246.1; NP\_039247.1;

NP\_054698.1)

### **Immunogen**

Peptide with sequence PHNSIRSGHGGLN-C, from the N Terminus of the protein sequence according to NP\_003457.1; NP\_039245.1; NP\_039246.1; NP\_039247.1; NP\_054698.1.

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 1:64000.

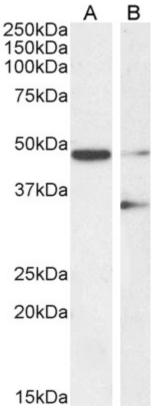
**Western blot:** Approx 48kDa band observed in Human Liver lysates. An additional 35kDa bamd was also observed in some Liver and HEK293 cell lysates (calculated MW of 34.9kDa according to Human NP\_039247.1 PAX8D and 48.2kDa according to Human NP\_003457.1 PAXA). Recommended concentration: 0.3-1μg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 4-5µg/ml.

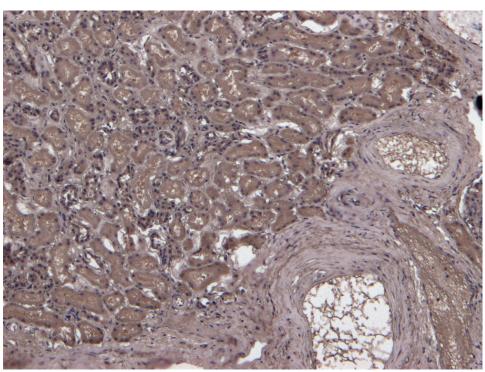
## **Species Reactivity**

Tested: Human

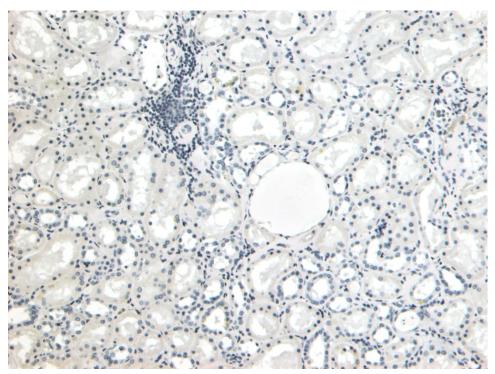
Expected from sequence similarity: Human, Mouse, Rat



EB05513 (1μg/ml) staining of Human Liver (A) and HEK293 cell (B) lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB05513 ( $4\mu g/ml$ ) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB05513 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.