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

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 GeneID(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 1:128000.

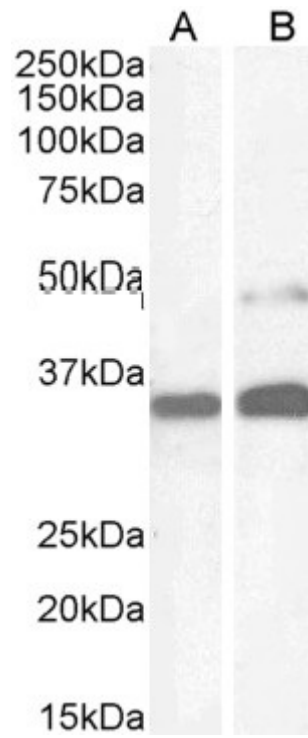
Western blot: Approx 35kDa band observed in Human Kidney lysates. An additional 48kDa was also observed in some Kidney and HeLa cell lysates (calculated MW of 34.9kDa according to Human NP_039247.1 PAX8D and 48.2kDa according to Human NP_003457.1 PAXA). Recommended concentration: 1-2µg/ml. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful on Mouse and Rat Liver, and NIH3T3 for this particular batch.

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

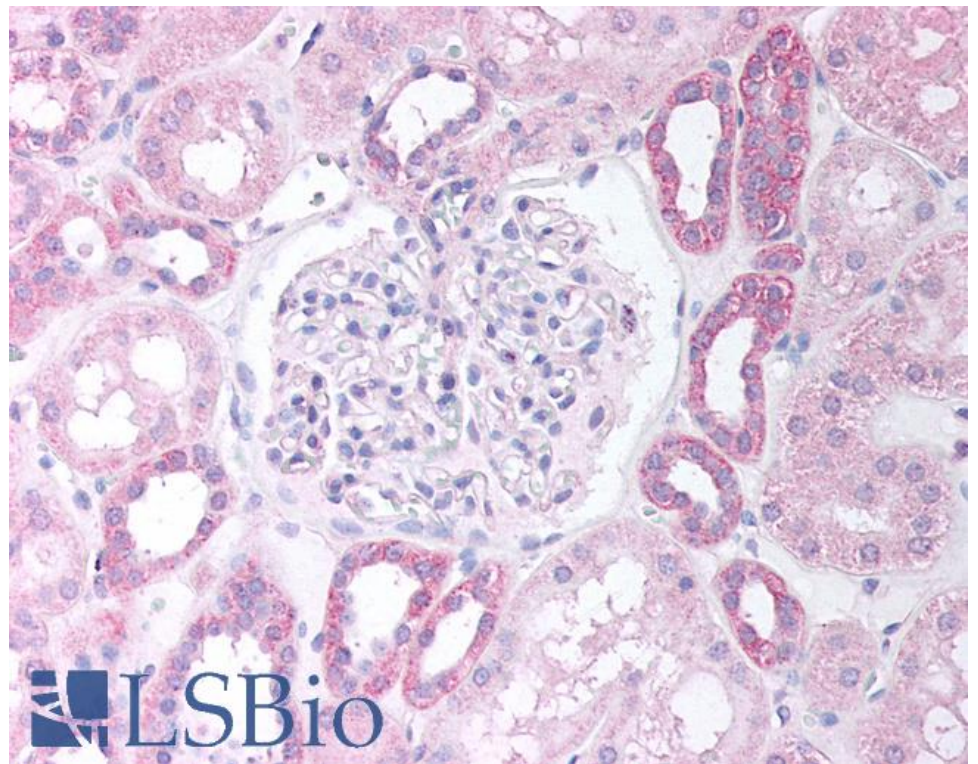
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB05513 (1 μ g/ml) staining of Human Kidney (A) and HeLa cell (B) lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB05513 (5 μ g/ml) staining of paraffin embedded Human Kidney Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.