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

EB06081 - Goat Anti-EPS8 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EPS8, epidermal growth factor receptor pathway substrate 8

Official Symbol: EPS8

Accession Number(s): NP_004438.3

Human GeneID(s): [2059](#)

Non-Human GeneID(s): 13860 (mouse)

Immunogen

Peptide with sequence C-SGVESFDEGSSH, from the C Terminus of the protein sequence according to NP_004438.3.

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 1:8000.

Western blot: Approx. 100kDa band observed in lysates of cell line NIH3T3 (calculated MW of 91.9kDa according to NP_004438.3). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 70kDa. This band was successfully blocked by incubation with the immunizing peptide. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Kidney and Pancreas. Recommended concentration: 6-8µg/ml.

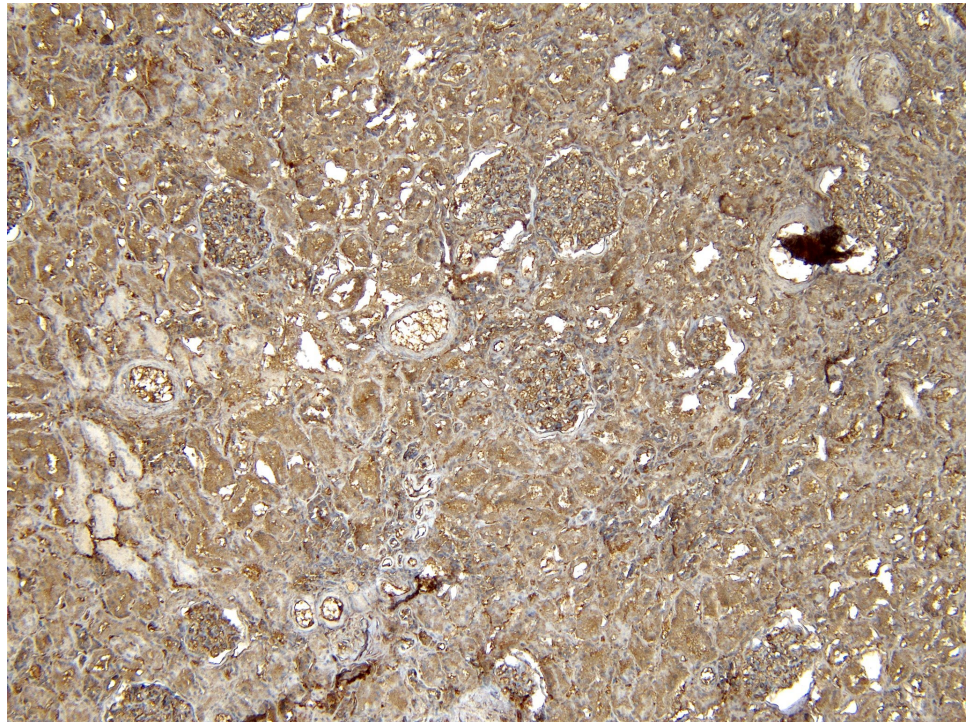
Species Reactivity

Tested: Human, Mouse

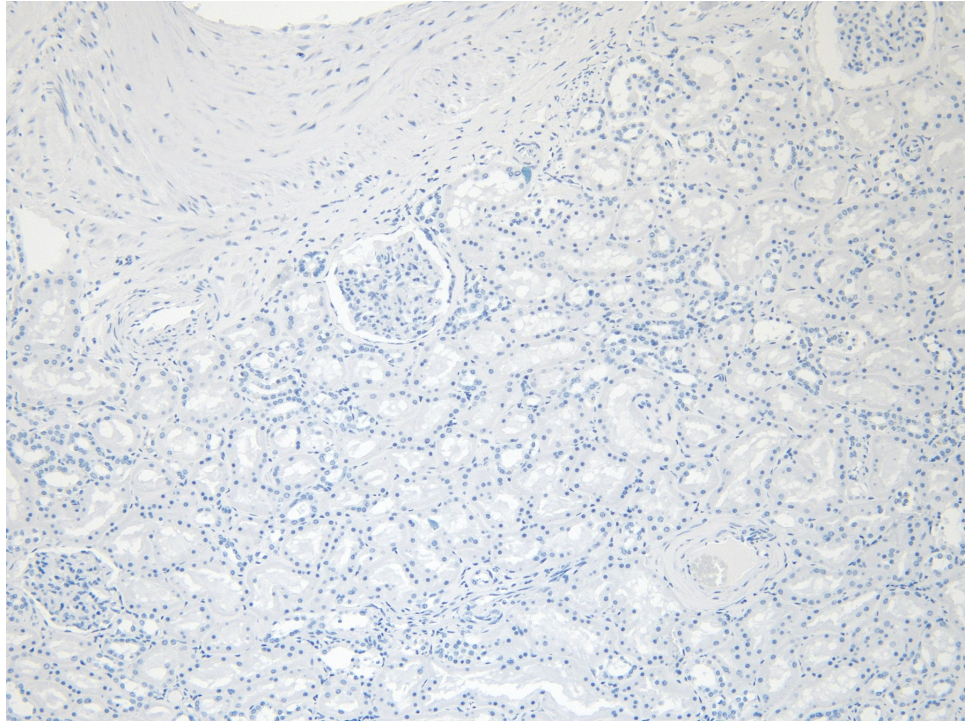
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig



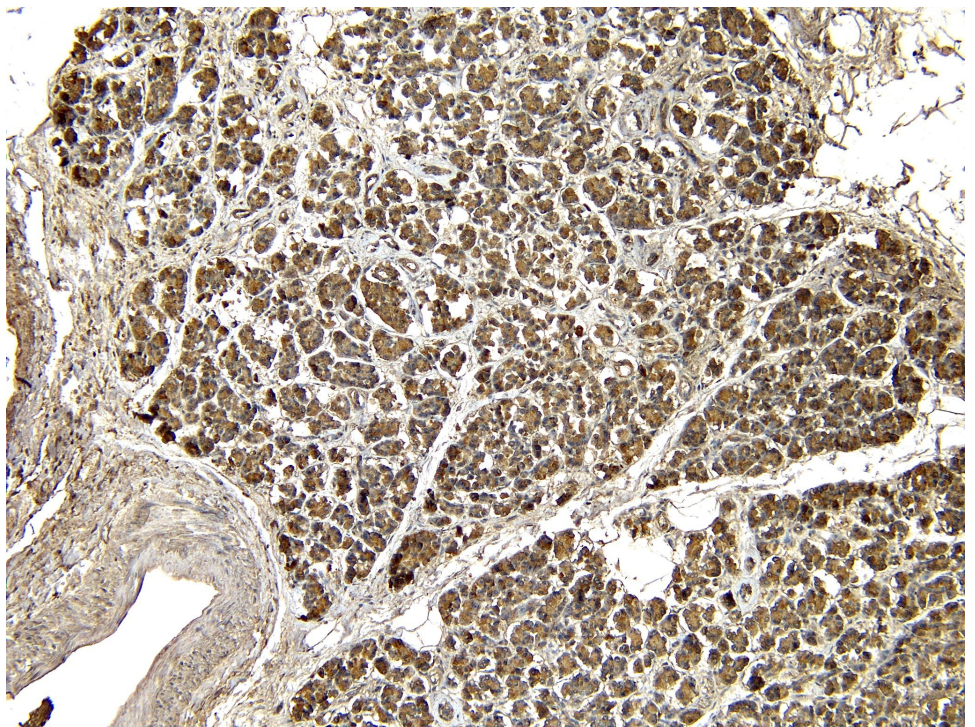
EB06081 (1 μ g/ml) staining of lysates of cell line NIH3T3 (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



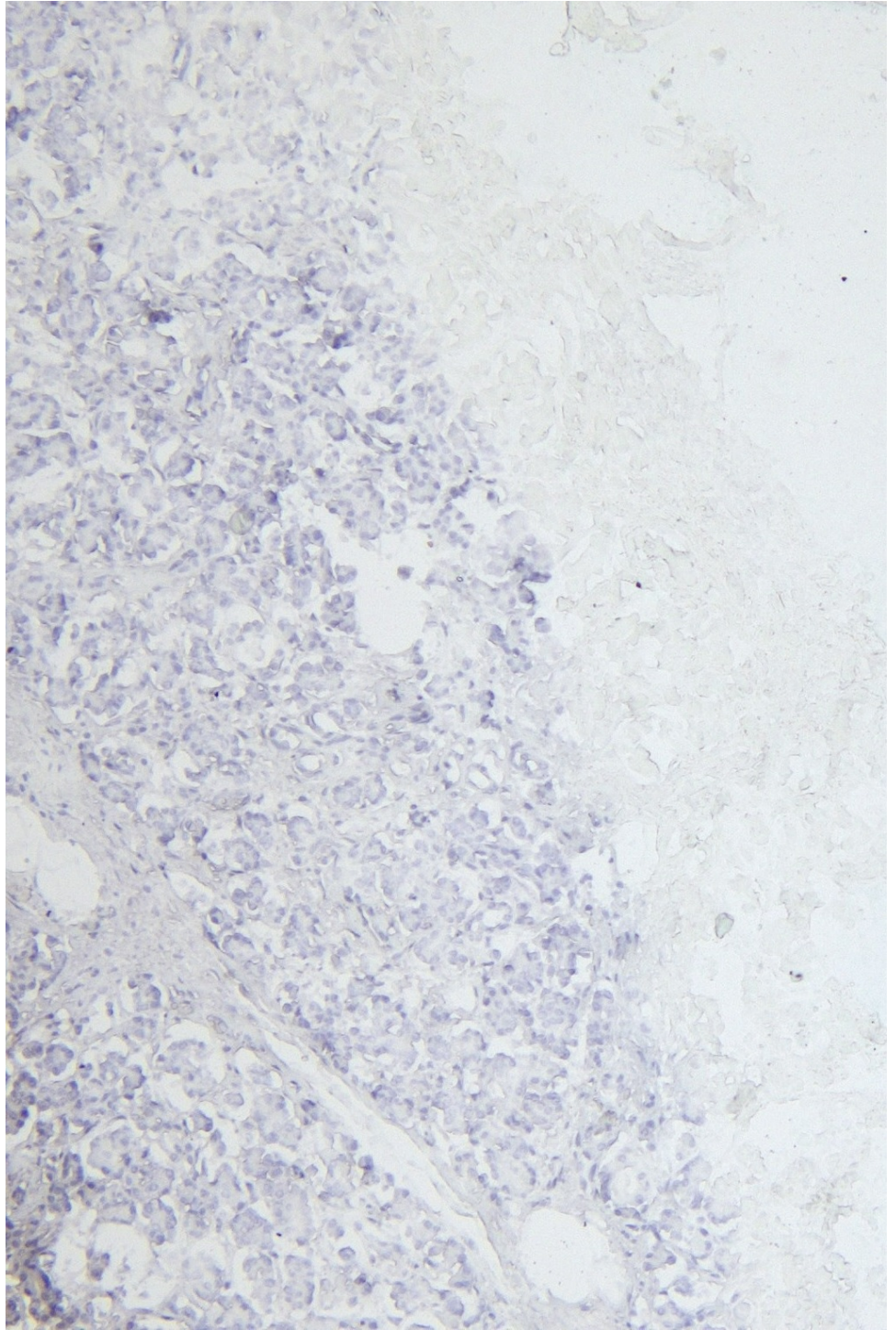
EB06081 (6 μ g/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06081 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.



EB06081 (8µg/ml) staining of paraffin embedded Human Pancreas. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06081 Negative Control showing staining of paraffin embedded Human Pancreas, with no primary antibody.