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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.

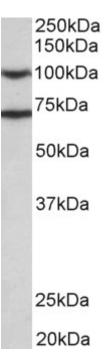
Western blot: Approx. 100kDa band observed in lysates of cell line NIH3T3 (calculated MW of 91.9kDa according to NP_004438.3). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 70kDa. This band was successfully blocked by incubation with the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

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

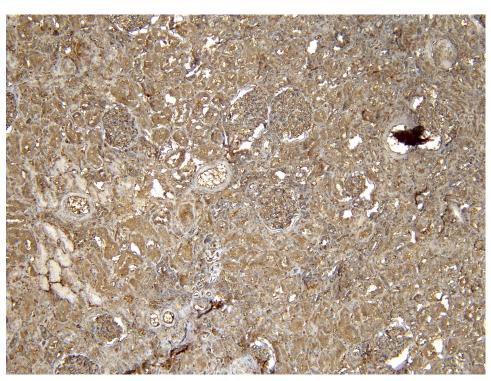
Species Reactivity

Tested: Human, Mouse

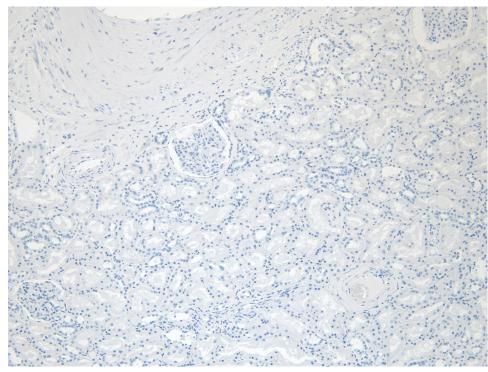
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig



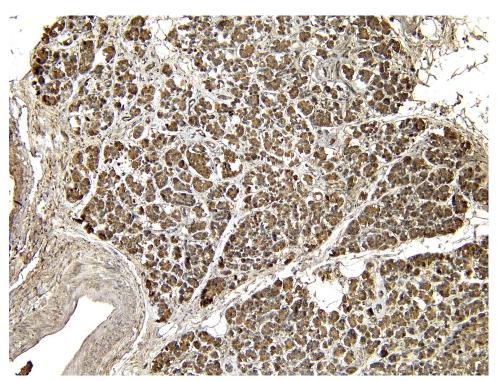
EB06081 (1 μ g/ml) staining of lysates of cell line NIH3T3 (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



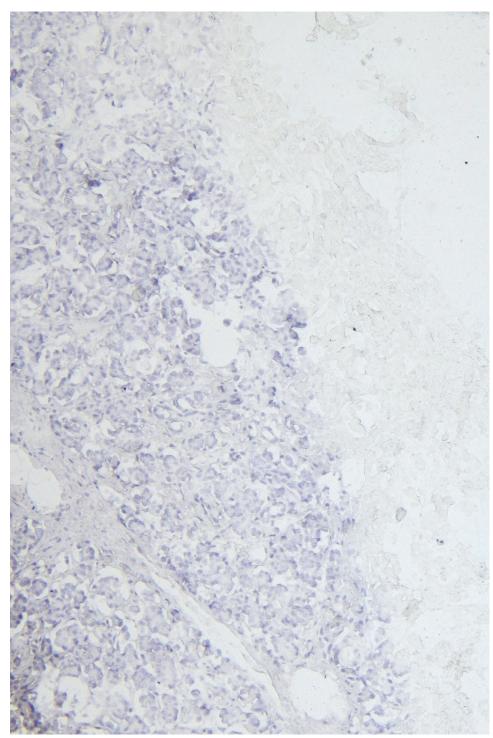
EB06081 (6µg/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



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.