

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB10959 - Goat Anti-JAG1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: JAG1, jagged 1, AGS, AHD, AWS, CD339, HJ1, JAGL1, MGC104644 Official Symbol: JAG1 Accession Number(s): NP_000205.1 Human GeneID(s): <u>182</u> Non-Human GeneID(s): 16449 (mouse), 29146 (rat)

Immunogen

Peptide with sequence C-TNKQDNRDLESAQS, from the C Terminus of the protein sequence according to NP_000205.1.

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.

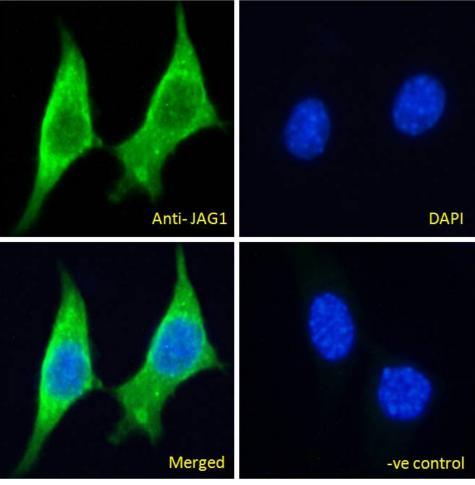
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000. **IHC:** In paraffin embedded Human Kidney shows membrane staining in the epithelial cells of convoluted tubules. Recommended concentration, 2-4µg/ml.

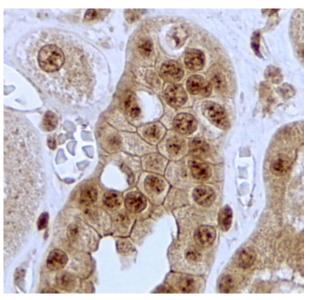
Immunofluorescence: Strong expression of the protein seen in the cytoplasm of NIH3T3 cells. Recommended concentration: 5µg/ml.

Species Reactivity

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



EB10959 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB10959 (2µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.