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Research Use Only. Not for diagnostic or therapeutic use.

EB08384 - Goat Anti-CEP290 / NPHP6 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CEP290, centrosomal protein 290kDa, 3H11Ag, FLJ13615, FLJ21979, JBTS5, JBTS6, KIAA0373, LCA10, MKS4, NPHP6, SLSN6, rd16, CTCL tumor antigen se2-2, monoclonal antibody 3H11 antigen, nephrocystin 6, nephrocystin-6, nephrocytsin-6, prostate cancer antigen T21 Official Symbol: CEP290 Accession Number(s): NP_079390.3 Human GeneID(s): <u>80184</u>

Immunogen

Peptide with sequence C-QSGAESTIPDADQ, from the internal region of the protein sequence according to NP_079390.3.

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.

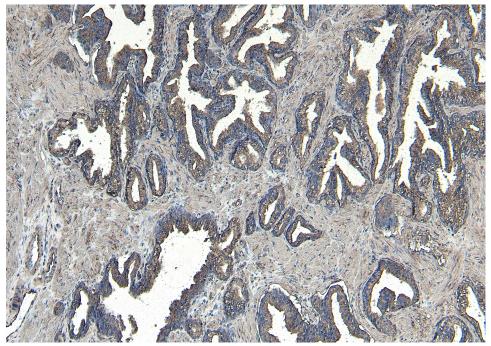
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000. **IHC:** Paraffin embedded Human Prostate. Recommended concentration: 4-8µg/ml.

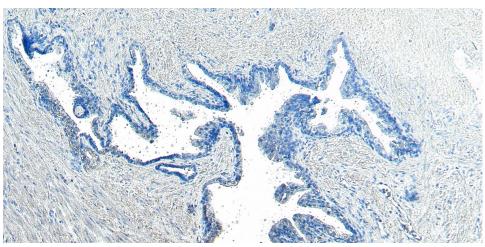
Immunofluorescence: Strong expression of the protein seen within the centrosome of HeLa cells. Recommended concentration: 10µg/ml.

Species Reactivity

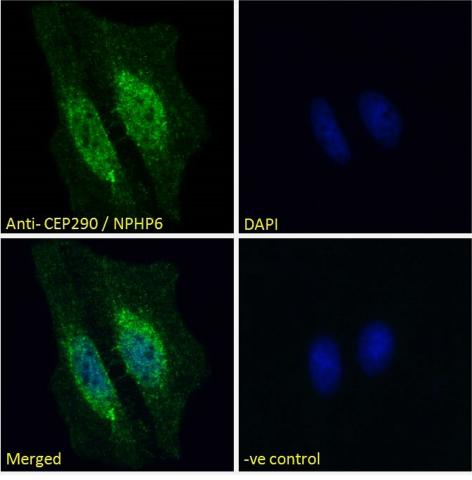
Tested: Human Expected from sequence similarity: Human



EB08384 (8µg/ml) staining of paraffin embedded Human Prostate. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB08384 Negative Control showing staining of paraffin embedded Human Prostate, with no primary antibody.



EB08384 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and centrosome staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).