



## UK Office

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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, nephrocystin-6, prostate cancer antigen T21

**Official Symbol:** CEP290

**Accession Number(s):** NP\_079390.3

**Human GeneID(s):** [80184](#)

### 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.

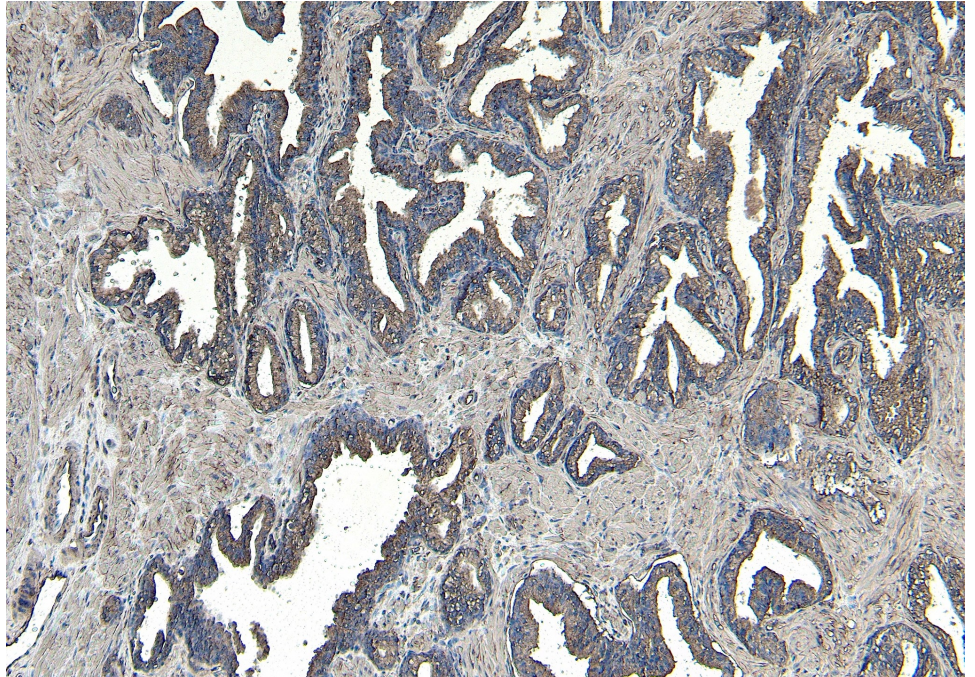
**IHC:** Paraffin embedded Human Prostate. Recommended concentration: 4-8µg/ml.

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

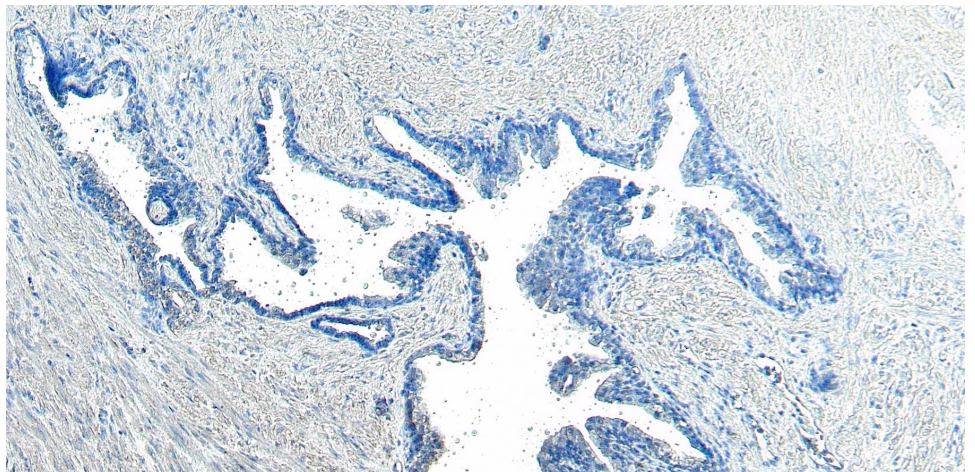
### Species Reactivity

**Tested:** Human

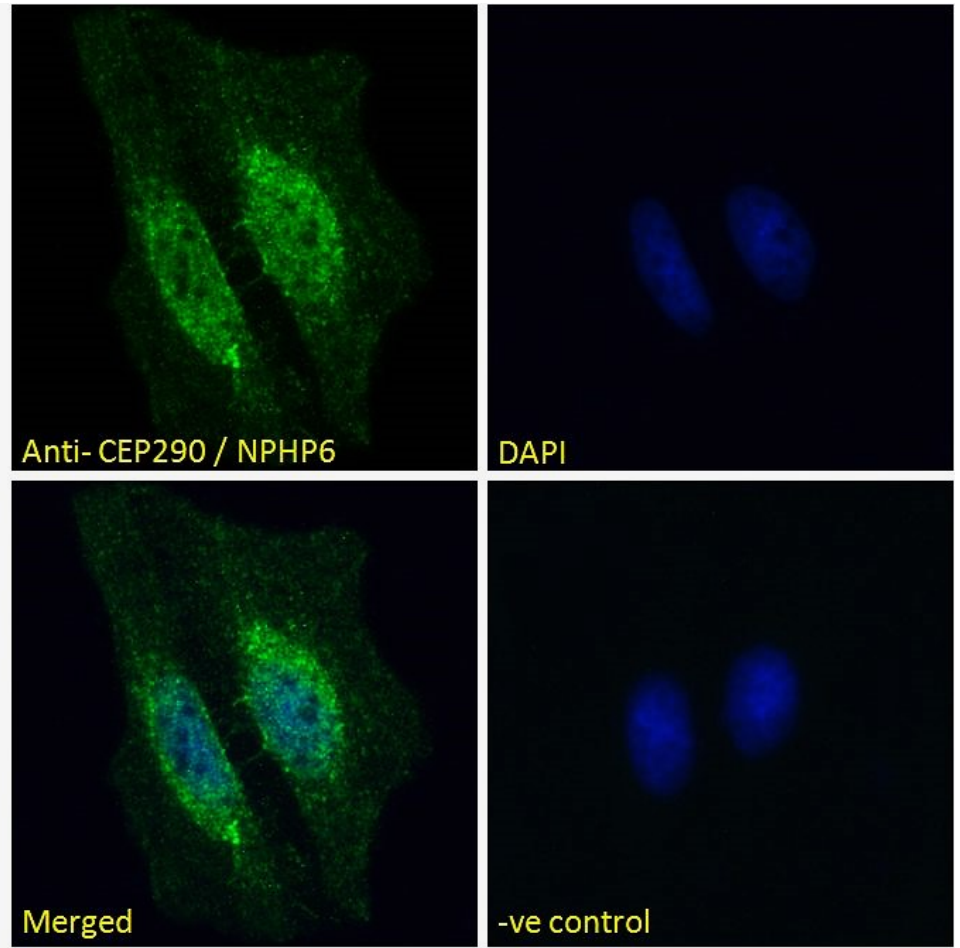
**Expected from sequence similarity:** Human



EB08384 (8 $\mu$ g/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).