



## UK Office

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

## EB08091 - Goat Anti-NODAL Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NODAL, nodal growth differentiation factor, HTX5, ,

**Official Symbol:** NODAL

**Accession Number(s):** NP\_060525.2

**Human GeneID(s):** [4838](#)

### Immunogen

Peptide with sequence DRSQLCRKVKFQ, from the internal region of the protein sequence according to NP\_060525.2.

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 1:64000.

**Western blot:** Approx 40kDa band observed in Rat Brain lysates (calculated MW of 40.5kDa according to NP\_001099864.1 ). Recommended concentration: 0.01-0.1µg/ml.

Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse Brain for this particular batch.

**IHC:** Paraffin embedded Human Placenta and Brain (Cortex). Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human, Rat

**Expected from sequence similarity:** Human, Mouse, Rat

EB08091 (0.03µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB08091 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB08091 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.