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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

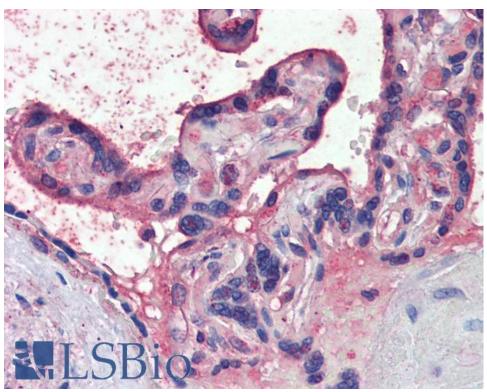
Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat

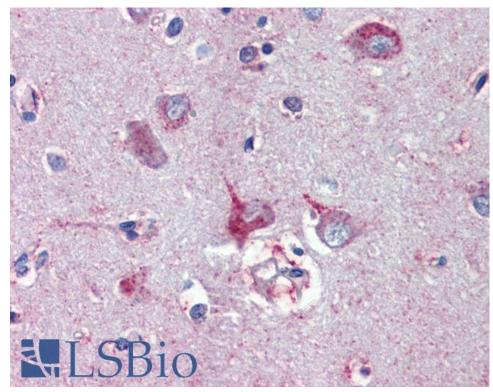


15kDa

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