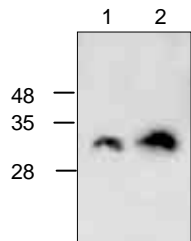


## Noggin Polyclonal Antibody

<b>CATALOG NO:</b>	5775-30T      30 µg (Trial size) 5775-100      100 µg
<b>CONCENTRATION:</b>	0.5 mg/ml
<b>IMMUNOGEN:</b>	Recombinant human Noggin (Cat. No. 4675-20)
<b>INTERNAL ID:</b>	BV-G8
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human
<b>PURIFICATION:</b>	Affinity purified rabbit IgG
<b>FORMULATION:</b>	Supplied in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.
<b>STORAGE CONDITIONS:</b>	Store at -20° C. For long term storage, aliquot and freeze at -70° C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	Noggin belongs to a group of diffusible proteins which bind to ligands of the TGF-beta family and regulate their activity by inhibiting their access to signaling receptors. Noggin was originally identified as a BMP-4 antagonist whose action is critical for proper formation of the head and other dorsal structures. Consequently, Noggin has been shown to modulate the activities of other BMPs including BMP-2,-7,-13, and -14. Targeted deletion of Noggin in mice results in prenatal death and recessive phenotype displaying a severely malformed skeletal system. Conversely, transgenic mice over-expressing Noggin in mature osteoblasts display impaired osteoblastic differentiation, reduced bone formation, and severe osteoporosis
<b>APPLICATION:</b>	Western blot: 0.5-4 µg/ml <b>Note: This information is only intended as a guide. The optimal dilutions must be determined by the user</b>



**Western blot analysis of recombinant human Noggin**

Lane 1: 10 ng  
Lane 2: 50 ng

### RELATED PRODUCTS:

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors
- Cell Fractionation System
  - Mitochondria/Cytosol Fractionation Kit
  - Nuclear/Cytosol Fractionation Kit
  - Membrane Protein Extraction Kit
  - Cytosol/Particulate Rapid Separation Kit
  - Mammalian Cell Extraction Kit
  - FractionPREP Fractionation System
- Cell Proliferation & Senescence
  - Quick Cell Proliferation Assay Kit
  - Senescence Detection Kit
  - High Throughput Apoptosis/Cell Viability Assay Kits
  - LDH-Cytotoxicity Assay Kit
  - Bioluminescence Cytotoxicity Assay Kit
  - Live/Dead Cell Staining Kit
- Cell Damage & Repair
  - HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
  - HAT Colorimetric Assay Kit & Reagents
  - DNA Damage Quantification Kit
  - Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits
- Signal Transduction
  - cAMP & cGMP Assay Kits
  - Akt & JNK Activity Assay Kits
  - Beta-Secretase Activity Assay Kit
- Adipocyte & Lipid Transfer
  - Recombinant Adiponectin, Survivin, & Leptin
  - CETP Activity Assay & Drug Discovery Kits
  - PLTP Activity Assay & Drug Discovery Kits
  - Total Cholesterol Quantification Kit
- Molecular Biology & Reporter Assays
  - siRNA Vectors
  - Cloning Insert Quick Screening Kit
  - Mitochondrial & Genomic DNA Isolation Kits
  - 5 Minutes DNA Ligation Kit
  - 20 Minutes Gel Staining/Destaining Kit
  - β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit
- Growth Factors and Cytokines
- Monoclonal and Polyclonal Antibodies

**FOR RESEARCH USE ONLY! Not to be used on humans**