

**Noggin Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV11065****Specification**

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**Noggin Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q13253.1</a>
Other Accession	<a href="#">AAA83259.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

**Noggin Antibody - Additional Information**

Application & Usage	<b>Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Recombinant human Noggin can be used as a positive control.</b>
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**Target/Specificity**  
Noggin**Antibody Form**  
Liquid**Appearance**  
Colorless liquid**Formulation**  
100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.**Handling**  
The antibody solution should be gently mixed before use.**Reconstitution & Storage**  
-20 °C**Background Descriptions****Precautions**  
Noggin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Noggin Antibody - Protein Information**

## **Noggin Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Noggin Antibody - Images**

## **Noggin Antibody - Background**

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.