

Mouse Noggin Monoclonal Antibody | anti-Noggin antibody

Noggin Mouse mAb

CATALOG # AAA320365	HOST Mouse	APPLICATIONS Immunocytochemistry, Western Blot
-------------------------------	----------------------	--

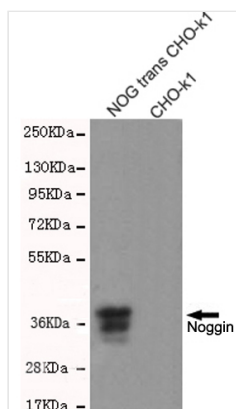
PRODUCT SYNONYMS

Noggin; Monoclonal Antibody; Noggin Mouse mAb; NOG; NOGG_HUMAN; SYM 1; SYM1; Symphalangism 1 (proximal); Synostoses (multiple) syndrome 1; SYNS 1; SYNS1.; anti-Noggin antibody

PRODUCT SPECIFICATIONS

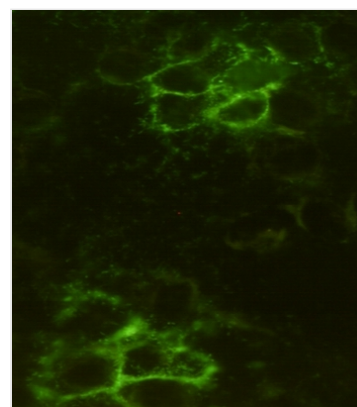
Host	Mouse
Clonality	Monoclonal
Specificity	Transfected Only.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Noggin antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Purified recombinant human Noggin protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry staining of HeLa cells surface-expressing Noggin-PDGFR transmembrane domain fused protein using Noggin mouse mAb (dilution 1:100).



WB (Western Blot)

Western blot detection of Noggin in CHO-K1 cell lysates over-expressing Noggin-PDGFR transmembrane domain fused protein using Noggin mouse mAb (1:1000 diluted). Predicted band size: 26 kDa. Observed band size: 37 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-Noggin antibody	The secreted polypeptide, encoded by this gene, binds and inactivates members of the transforming growth factor-beta (TGF-beta) superfamily signaling proteins, such as bone morphogenetic protein-4 (BMP4). By diffusing through extracellular matrices more efficiently than members of the TGF-beta superfamily, this protein may have a principal role in creating morphogenic gradients. The protein appears to have pleiotropic effect, both early in development as well as in later stages. It was originally isolated from Xenopus based on its ability to restore normal dorsal-ventral body axis in embryos that had been artificially ventralized by UV treatment. The results of the mouse knockout of the ortholog suggest that it is involved in numerous developmental processes, such as neural tube fusion and joint formation. Recently, several dominant human NOG mutations in unrelated families with proximal symphalangism (SYM1) and mu
Product Categories/Family for anti-Noggin antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885523
NCBI GeneID	9241
NCBI Accession #	NP_005441.1
NCBI GenBank Nucleotide #	NP_005441.1
UniProt Accession #	Q13253
NCBI Official Full Name	noggin
NCBI Official Synonym Full Names	noggin
NCBI Official Symbol	NOG
NCBI Official Synonym Symbols	SYM1; SYNS1; SYNS1A
NCBI Protein Information	noggin
UniProt Protein Name	Noggin
UniProt Gene Name	NOG
UniProt Entry Name	NOGG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/noggin-antibody-immunocytochemistry-western-blot-elisa/320365>