

Mouse Noggin Monoclonal Antibody | anti-NOG antibody

Noggin Antibody

CATALOG # AAA290455	HOST Mouse	APPLICATIONS Immunocytochemistry, Western Blot
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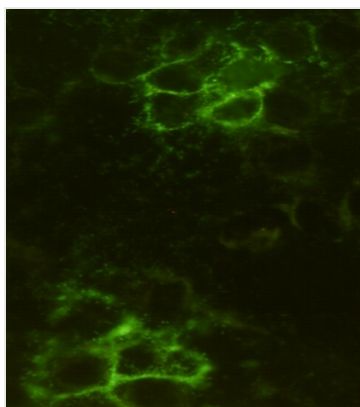
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

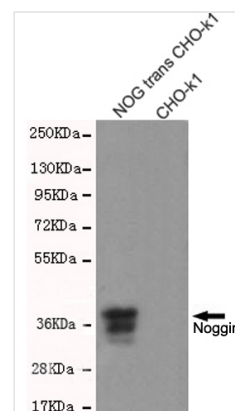
Host	Mouse
Clonality	Monoclonal
Form/Format	ascites
Sequence Length	232
Applicable Applications for anti-NOG antibody	ICC (Immunocytochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

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-NOG antibody	Essential for cartilage morphogenesis and joint formation. Inhibitor of bone morphogenetic proteins (BMP) signaling which is required for growth and patterning of the neural tube and somite.
Product Categories/Family for anti-NOG antibody	Developmental biology ; Stem cells

References	Valenzuela D.M.,et al.J. Neurosci. 15:6077-6084(1995). Groppe J.,et al.Nature 420:636-642(2002). Gong Y.,et al.Nat. Genet. 21:302-304(1999). Takahashi T.,et al.Clin. Genet. 60:447-451(2001). Dixon M.E.,et al.Genet. Med. 3:349-353(2001).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885523
NCBI GeneID	9241
NCBI Accession #	NP_005441.1
NCBI GenBank Nucleotide #	NM_005450.4
UniProt Accession #	Q13253
Molecular Weight	25774
NCBI Official Full Name	noggin
NCBI Official Synonym Full Names	noggin
NCBI Official Symbol	NOG
NCBI Official Synonym Symbols	SYM1; SYNS1
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.