

Mouse anti-Human, Rat Noggin (NOG) Monoclonal Antibody | anti-NOG antibody

Monoclonal Antibody to Noggin (NOG)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA146561	Mouse	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

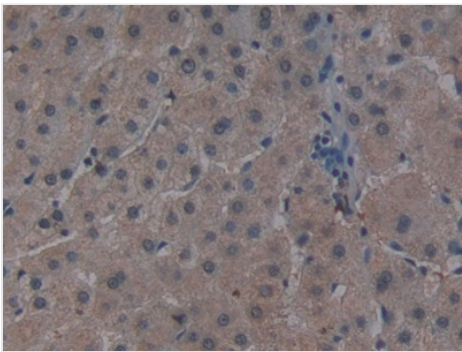
PRODUCT SYNONYMS

Noggin (NOG); Monoclonal Antibody; Monoclonal Antibody to Noggin (NOG); SYM1; SYNS1; Synostoses (Multiple) Syndrome 1; Symphalangism 1 (Proximal); anti-NOG antibody

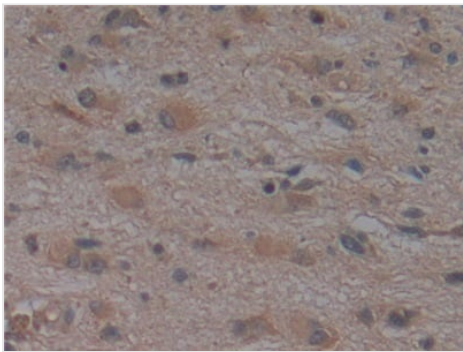
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	A11
Specificity	The antibody is a mouse monoclonal antibody raised against NOG. It has been selected for its ability to recognize NOG in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-NOG antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Noggin (NOG) (Gln28-Cys232)
Cross Reactivity	Human, Rat
Buffer Formulation	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Label	None
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

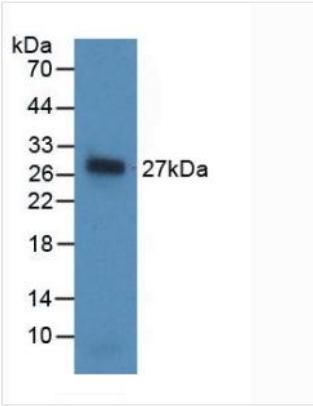
IMAGES



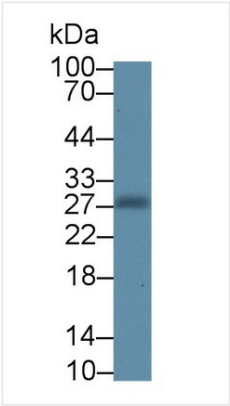
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver cancer Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver cancer Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant NOG, Human.



WB (Western Blot)
Western Blot: Sample: Rat Placenta lysate; Primary Ab: 2ug/ml Mouse Anti-Human NOG Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

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	25,774 Da
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

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.

