

Datasheet for ABIN7426478
anti-NOG antibody (AA 28-232)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	NOG
Binding Specificity:	AA 28-232
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NOG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Noggin (NOG)
Immunogen:	Recombinant Noggin (NOG) corresponding to Gln28~Cys232 (Accession # Q13253)
Clone:	A7
Isotype:	IgG2b kappa
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.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

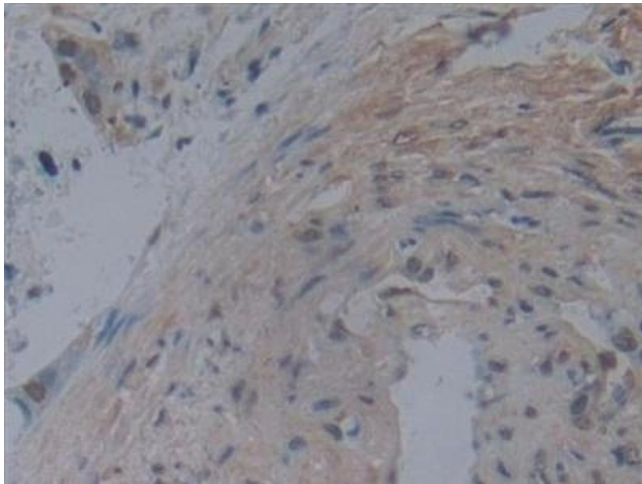
Target:	NOG
Alternative Name:	Noggin (NOG Products)
Background:	SYM1, SYNS1, Synostoses(Multiple)Syndrome 1, Symphalangism 1(Proximal)
Pathways:	Stem Cell Maintenance , Tube Formation

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	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°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.
Restrictions:	For Research Use only

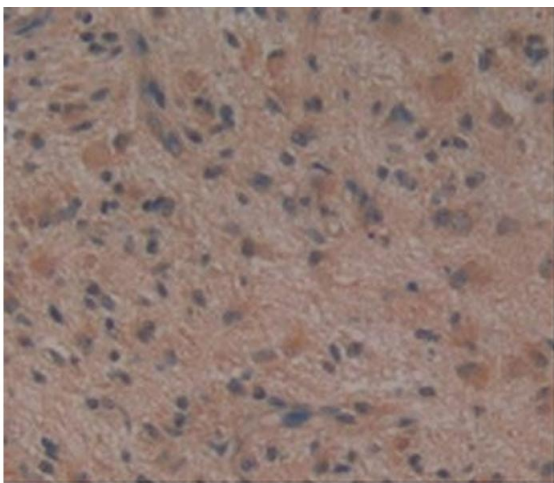
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



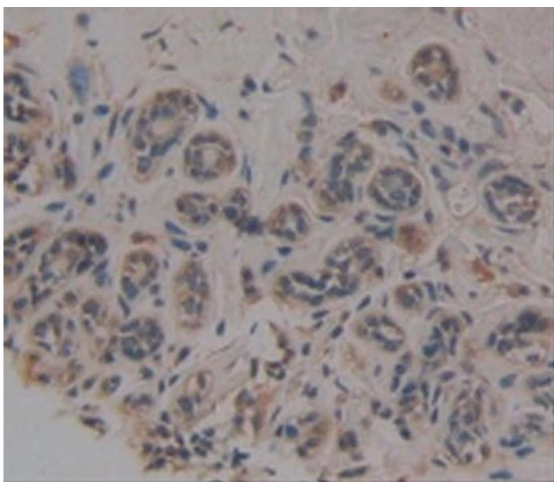
Immunohistochemistry

Image 1. Detection of NOG in Human Pancreatic cancer Tissue using Monoclonal Antibody to Noggin (NOG)



Immunohistochemistry

Image 2. Detection of NOG in Human Glioma Tissue using Monoclonal Antibody to Noggin (NOG)



Immunohistochemistry

Image 3. Detection of NOG in Human Breast Cancer Tissue using Monoclonal Antibody to Noggin (NOG)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7426478.