

Datasheet for ABIN6991166
anti-NOTUM antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	NOTUM
Binding Specificity:	AA 90-140, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOTUM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	NOTUM antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human NOTUM. The immunogen is located within amino acids 90 - 140 of NOTUM.
Isotype:	IgG
Purification:	NOTUM Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	NOTUM
Alternative Name:	NOTUM (NOTUM Products)
Background:	NOTUM Antibody: In Drosophila, the notum gene is regulated by the Wingless pathway and encodes a secreted hydrolase that modifies heparan sulfate proteoglycans. The mammalian

Target Details

homolog has been shown to be able to cleave glypicans and can release GPI-anchored proteins from the mammalian cell surface. Like the Drosophila NOTUM, the mammalian protein can act as a negative regulator of the Wnt signaling pathway. NOTUM is expressed at a low level in most mammalian tissues, although it is overexpressed in a subset of human hepatocellular carcinomas. Its transcription is regulated by beta-catenin/TCF and is a target of the Wnt signaling pathway, forming a negative feedback loop that regulates the expression and activity of the Wnt pathway.

Gene ID:	147111
NCBI Accession:	NP_848588
UniProt:	Q6P988

Application Details

Application Notes:	NOTUM antibody can be used for detection of NOTUM by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	NOTUM Antibody is supplied in PBS containing 0.02 % sodium azide.
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:	-20 °C, 4 °C
Storage Comment:	NOTUM antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.