

Rabbit NOTUM Polyclonal Antibody | anti-NOTUM antibody

NOTUM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307870	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

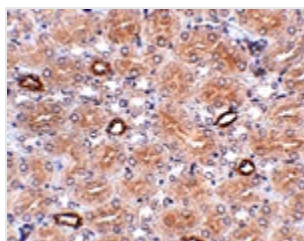
PRODUCT SYNONYMS

NOTUM; Polyclonal Antibody; NOTUM Antibody; NOTUM pectinacylesterase homolog; anti-NOTUM antibody

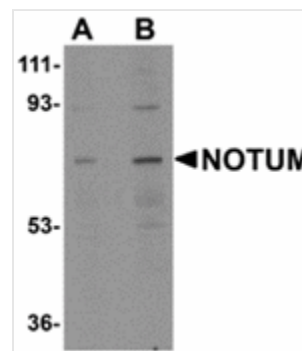
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	496
Applicable Applications for anti-NOTUM antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 19 amino acid peptide near the amino terminus of human NOTUM.
Target Name	NOTUM
Preparation and Storage	Can be stored at -20 degree C, stable for 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.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of NOTUM in human brain tissue with NOTUM antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of NOTUM in human kidney tissue lysate with NOTUM antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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 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.
Product Categories/Family for anti-NOTUM antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	194394139
NCBI GeneID	147111
NCBI Accession #	NP_848588
NCBI GenBank Nucleotide #	NM_178493.5
Molecular Weight	55,699 Da
NCBI Official Full Name	palmitoleoyl-protein carboxylesterase NOTUM
NCBI Official Synonym Full Names	notum pectinacylesterase homolog (Drosophila)
NCBI Official Symbol	NOTUM
NCBI Official Synonym Symbols	hNOTUM
NCBI Protein Information	palmitoleoyl-protein carboxylesterase NOTUM
UniProt Protein Name	Palmitoleoyl-protein carboxylesterase NOTUM
UniProt Gene Name	NOTUM
UniProt Entry Name	NOTUM_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.