

NOTUM Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17837b

Product Information

Application	WB, E
Primary Accession	Q6P988
Other Accession	NP_848588.3
Reactivity	Human
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37731
Calculated MW	55699
Antigen Region	353-379

Additional Information

Gene ID	147111
Other Names	Protein notum homolog, 3---, NOTUM
Target/Specificity	This NOTUM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 353-379 amino acids from the C-terminal region of human NOTUM.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NOTUM Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NOTUM (HGNC:27106)
Function	Carboxylesterase that acts as a key negative regulator of the Wnt signaling pathway by specifically mediating depalmitoleoylation of WNT proteins. Serine palmitoleoylation of WNT proteins is required for efficient binding to

frizzled receptors (PubMed:[25731175](#)).

Cellular Location Secreted {ECO:0000250 | UniProtKB:Q9VUX3}.

Tissue Location Rarely expressed in adult normal tissues.

Background

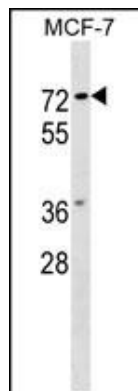
NOTUM may deacetylate GlcNAc residues on cell surface glycans (Potential).

References

Torisu, Y., et al. Cancer Sci. 99(6):1139-1146(2008)

Lamesch, P., et al. Genomics 89(3):307-315(2007)

Images



NOTUM Antibody (C-term) (Cat. #AP17837b) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the NOTUM antibody detected the NOTUM protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.