



Rabbit Anti-NOTUM antibody

SL11904R

Product Name:	NOTUM
Chinese Name:	背板胶质乙酰酯酶抗体
Alias:	NOTUM; notum pectinacylesterase homolog (Drosophila); Notum pectinacylesterase homolog; NOTUM_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,54kDa
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	54kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NOTUM:351-450/496
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Notum is a 496 amino acid secreted protein that belongs to the pectinacylesterase family and may deacetylate GlcNAc residues on cell surface glycans. The gene that encodes Notum consists of approximately 9,334 bases and maps to human chromosome 17q25.3. Encoding more than 1,200 genes, chromosome 17 comprises over 2.5% of the human genome. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of

cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of ovary, colon, prostate gland and fallopian tubes.

Function:

May deacetylate GlcNAc residues on cell surface glycans.

Subcellular Location:

Secreted.

Similarity:

Belongs to the pectinacetylsterase family.

SWISS:

Q6P988

Gene ID:

147111

Database links:

[Entrez Gene: 147111](#)Human

[Entrez Gene: 77583](#)Mouse

[Entrez Gene: 303743](#)Rat

[Omim: 609847](#)Human

[SwissProt: Q6P988](#)Human

[SwissProt: Q8R116](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.