



## 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.**Research Area** Tumour Cell biology Neurobiology**Immunogen Species** Rabbit**Clonality** Polyclonal**React Species** (predicted: Human, Mouse, Rat, Dog, Cow, Horse, )

WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA

**Applications** (Paraffin sections need antigen repair)  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.**Theoretical molecular weight** 54kDa**Cellular localization** Secretory protein**Form** Liquid**Concentration** 1mg/ml**immunogen** KLH conjugated synthetic peptide derived from human NOTUM: 351-450/496**Lsotype** IgG**Purification** affinity purified by Protein A**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**PubMed** [PubMed](#)**Product** Notum is a 496 amino acid secreted protein that belongs to the pectinacylesterase family and n

## Detail

GlcNAc residues on cell surface glycans. The gene that encodes Notum consists of approximately 1,200 genes, chromosome 17 codes for approximately 2.5% of the human genome. Two key tumor suppressor genes are associated with chromosome 17, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by determining cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with 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 ovary, colon, prostate gland and fallopian tubes.

### Function:

May deacetylate GlcNAc residues on cell surface glycans.

### Subcellular Location:

Secreted.

### Similarity:

Belongs to the pectinacetylerase 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