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Datasheet for ABIN1394015

**anti-NOTUM antibody (AA 351-450) (Alexa Fluor 555)**

## Overview

Quantity:	100 µL
Target:	NOTUM
Binding Specificity:	AA 351-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOTUM antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NOTUM
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	NOTUM
Alternative Name:	NOTUM ( <a href="#">NOTUM Products</a> )
Background:	Synonyms: NOTUM, notum pectinacylesterase homolog Drosophila, Notum

## Target Details

pectinacylesterase homolog, NOTUM\_HUMAN.

Background: 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.

Gene ID: 147111

UniProt: [Q6P988](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

## Handling

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Expiry Date: 12 months