Datasheet for ABIN1392185

anti-NAT8B antibody (AA 221-227) (Alexa Fluor 555)

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Overview

Quantity:	100 µL
Target:	NAT8B
Binding Specificity:	AA 221-227
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAT8B 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 NAT8B
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	NAT8B
Alternative Name:	NAT8B (NAT8B Products)
Background:	Synonyms: Camello like protein 2, Camello-like protein 2, CML2, Hcml2, N acetyltransferase 8B,

Target Details

	NAT8B, NAT8B_HUMAN, NAT8BP, Probable N acetyltransferase 8B, Probable N-acetyltransferase 8B. Background: Acetyltransferases and deacetylases are protein groups most often associated with oncogenesis and cell cycle regulation. NAT-8B (N-acetyltransferase 8B), also known as CML2 (camello-like protein 2), is a 227 amino acid single-pass membrane protein that is implicated in gastrulation regulation. A member of the camello family, NAT-8B contains one N-acetyltransferase domain and is encoded by a gene that maps to human chromosome 2p13.2. The NAT-8B gene is susceptible to a nonsense mutation at Serine 16, which leads to a stop codon and subsequently, a non-functional protein that is truncated in length. Similarly, a nonsense mutation at Glutamine 168 is thought to lead to a non-functional protein, as it causes the N-acetyltransferase to become disrupted. Human chromosome 2 consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8 % of the human genome. A number of genetic diseases are linked to genes on chromosome 2 including Harlequin icthyosis, sitosterolemia and Alstr syndrome.

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.
Expiry Date:	12 months