

Datasheet for ABIN1410080

anti-NAT8B antibody (AA 221-227) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	NAT8B
Binding Specificity:	AA 221-227
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAT8B antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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 (canello-like protein 2), is a 227 amino acid single-pass membrane protein that is implicated in gastrulation regulation. A member of the canello 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 ichthyosis, sitosterolemia and Alstr syndrome.

Application Details

Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500

Restrictions:	For Research Use only
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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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months