

Rabbit NAT8B Polyclonal Antibody | anti-NAT8B antibody

NAT8B Polyclonal Antibody

CATALOG # AAA279641	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--

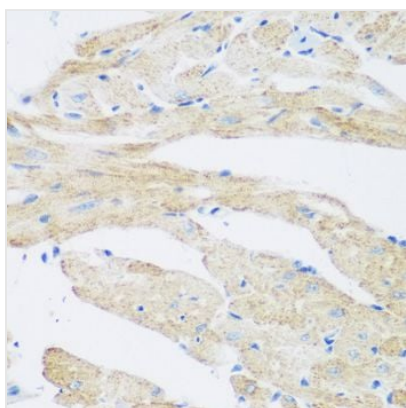
PRODUCT SYNONYMS

NAT8B; Polyclonal Antibody; NAT8B Polyclonal Antibody; CML2; Hcml2; NAT8BP; anti-NAT8B antibody

PRODUCT SPECIFICATIONS

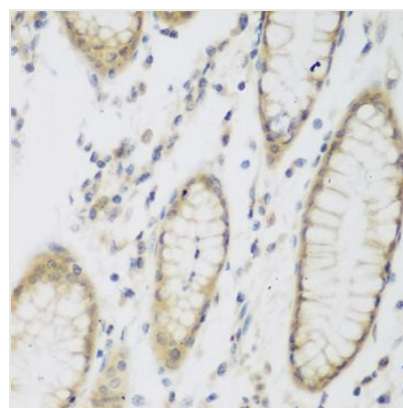
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	227
Applicable Applications for anti-NAT8B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 75-165 of human NAT8B (NP_057431.2).
Species/Crossreactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



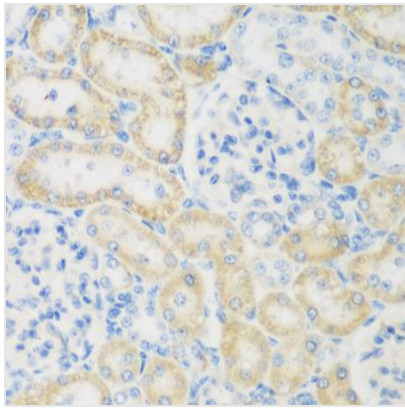
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using NAT8B antibody at dilution of 1:200 (40x lens).



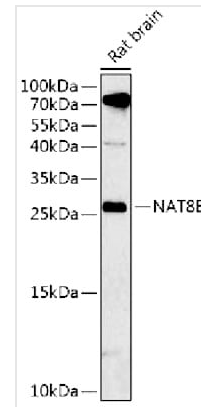
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using NAT8B antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using NAT8B antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of rat brain, using NAT8B antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AAA279641) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-NAT8B antibody

This gene is highly similar to the N-acetyltransferase 8 (NAT8) gene which encodes a kidney and liver protein with homology to bacterial acetyltransferases involved in drug resistance. This gene is localized on chromosome 2 in the vicinity of the NAT8 gene and represents a human-specific transcribed pseudogene of NAT8. This gene contains two common polymorphic nonsense mutations that disrupt the active site of the protein. In the extremely rare event when both nonsense mutations are absent, the predicted protein would contain a complete acetyltransferase domain and would be identical in length to NAT8.

Product Categories/Family for anti-NAT8B antibody

Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	74720822
NCBI GeneID	51471
UniProt Accession #	Q9UHF3; Q0VAD9; Q6NT18
Molecular Weight	Observed MW: 25kDa Calculated MW: 25kDa
NCBI Official Full Name	Putative N-acetyltransferase 8B
NCBI Official Synonym Full Names	N-acetyltransferase 8B (GCN5-related, putative, gene/pseudogene)
NCBI Official Symbol	NAT8B
NCBI Official Synonym Symbols	CML2; Hcm12; NAT8BP
NCBI Protein Information	putative N-acetyltransferase 8B; NAT8B; ATase1; acetyltransferase 1; camello-like protein 2; N-acetyltransferase Camello 2; probable N-acetyltransferase 8B
UniProt Protein Name	Putative N-acetyltransferase 8B
UniProt Gene Name	NAT8B
UniProt Synonym Gene Names	ATase1
UniProt Entry Name	NAT8B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

