

Rabbit anti-Human NAT2 Polyclonal Antibody | anti-NAT2 antibody

NAT2 antibody - middle region

CATALOG # AAA199390	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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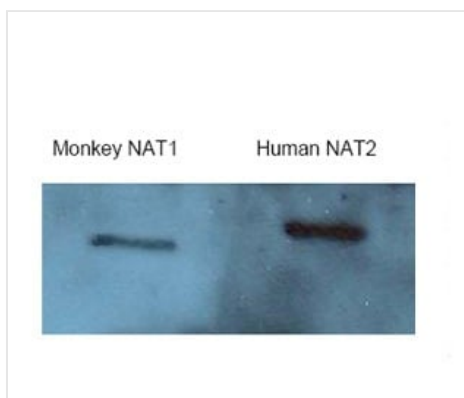
PRODUCT SYNONYMS

NAT2; Polyclonal Antibody; NAT2 antibody - middle region; anti-NAT2 antibody

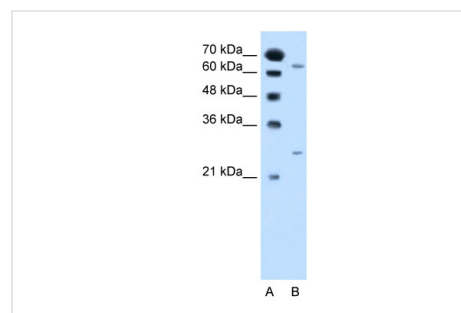
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Antibody reacts with both NAT1 and NAT2
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: CL TEERGIWYLD QIRREQYITN KEFLNSHLLP KKKHQKIYLF TLEPTIE
Sequence Length	290
Applicable Applications for anti-NAT2 antibody	WB (Western Blot)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NAT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)



WB (Western Blot)

WB Suggested Anti-NAT2 Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-NAT2 antibody	This is a rabbit polyclonal antibody against NAT2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: NAT2 is a N-acetyltransferase 2 (arylamine N-acetyltransferase 2). This enzyme functions to both activate and deactivate arylamine and hydrazine drugs and carcinogens. Polymorphisms in its gene are responsible for the N-acetylation polymorphism in which human populations segregate into rapid,intermediate, and slow acetylator phenotypes. Polymorphisms in NAT2 are also associated with higher incidences of cancer and drug toxicity.This gene encodes N-acetyltransferase 2 (arylamine N-acetyltransferase 2). This enzyme functions to both activate and deactivate arylamine and hydrazine drugs and carcinogens. Polymorphisms in this gene are responsible for the N-acetylation polymorphism in which human populations segregate into rapid,intermediate, and slow acetylator phenotypes. Polymorphisms in NAT2 are also associated with higher incidences of cancer and drug toxicity. A second arylamine N-acetyltransferase gene (NAT1) is located near NAT2.
Product Categories/Family for anti-NAT2 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	116295260
NCBI GeneID	10
NCBI Accession #	NP_000006
NCBI GenBank Nucleotide #	NM_000015
UniProt Accession #	P11245
Molecular Weight	32kDa
NCBI Official Full Name	arylamine N-acetyltransferase 2
NCBI Official Synonym Full Names	N-acetyltransferase 2
NCBI Official Symbol	NAT2
NCBI Official Synonym Symbols	AAC2; PNAT; NAT-2
NCBI Protein Information	arylamine N-acetyltransferase 2
UniProt Protein Name	Arylamine N-acetyltransferase 2
UniProt Gene Name	NAT2
UniProt Synonym Gene Names	AAC2; NAT-2; PNAT
UniProt Entry Name	ARY2_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.