

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

NAT2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285329	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

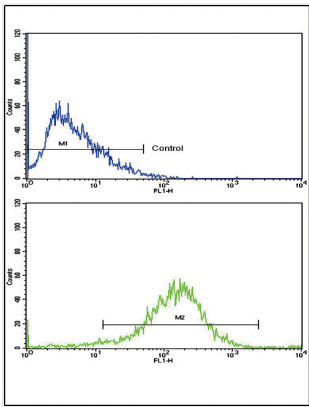
PRODUCT SYNONYMS

NAT2; Polyclonal Antibody; NAT2 Antibody (C-term); Arylamine N-acetyltransferase 2; Arylamide acetylase 2; N-acetyltransferase type 2; NAT-2; Polymorphic arylamine N-acetyltransferase; PNAT; AAC2; anti-NAT2 antibody

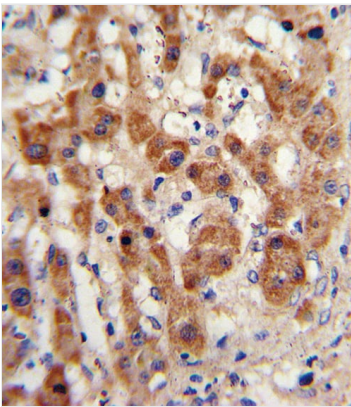
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NAT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 226-254 amino acids from the C-terminal region of human NAT2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	226-254
Sequence Length	290
Applicable Applications for anti-NAT2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

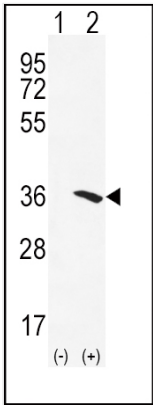
IMAGES



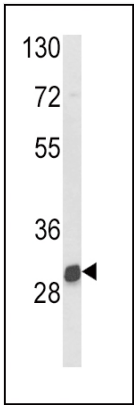
FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HepG2 cells using NAT2 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma with NAT2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of NAT2 (arrow) using rabbit polyclonal NAT2 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NAT2 gene.



WB (Western Blot)
Western blot analysis of NAT2 Antibody (C-term) in mouse kidney tissue lysates (35ug/lane).NAT2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NAT2 antibody	NAT2 is an enzyme that functions to both activate and deactivate arylamine and hydrazine drugs and carcinogens.
Product Categories/Family for anti-NAT2 antibody	Metabolism; Signal Transduction
References	Kim,S.H., et.al., Pharmacogenomics 10 (11), 1767-1779 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	116295260
NCBI GeneID	10
NCBI Accession #	NP_000006.2
NCBI GenBank Nucleotide #	NM_000015.2
UniProt Accession #	P11245; O43637; O60654; O60655; Q13146; Q16697; Q2MLE4; Q2MLF5; Q2MLG8; Q2MLJ6; Q2MLK4; Q2MLK6
Molecular Weight	33542

NCBI Official Full Name	arylamine N-acetyltransferase 2
NCBI Official Synonym Full Names	N-acetyltransferase 2 (arylamine N-acetyltransferase)
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nat2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285329>