

Product datasheet for **TA334638**

NAT2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NAT2 antibody: synthetic peptide directed towards the middle region of human NAT2. Synthetic peptide located within the following region: CLTEERGIWYLDQIRREQYITNKEFLNSHLLPKKKHQKIYLFLEPTIE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	N-acetyltransferase 2 (arylamine N-acetyltransferase)
Database Link:	NP_000006 Entrez Gene 10 Human P11245



[View online »](#)

Background: 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.

Synonyms: AAC2; NAT-2; PNAT

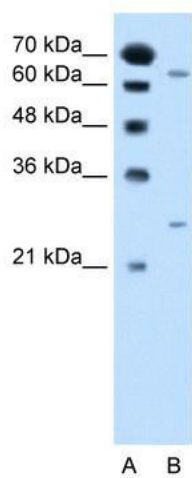
Note: Immunogen Sequence Homology: Human: 100%

Protein Families: Transmembrane

Protein Pathways: Caffeine metabolism, Drug metabolism - other enzymes, Metabolic pathways

Product images:





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