



Human NAT2 blocking peptide (CDBP1974)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-NAT2 (aa177-188) antibody
Antigen Description	This gene encodes an enzyme that 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 this gene are also associated with higher incidences of cancer and drug toxicity. A second arylamine N-acetyltransferase gene (NAT1) is located near this gene (NAT2). [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	NAT2 N-acetyltransferase 2 (arylamine N-acetyltransferase) [Homo sapiens]
Official Symbol	NAT2
Synonyms	NAT2; N-acetyltransferase 2 (arylamine N-acetyltransferase); AAC2; arylamine N-acetyltransferase 2; arylamide acetylase 2; N-acetyltransferase type 2; PNAT; NAT-2;

Entrez Gene ID	10
mRNA Refseq	NM_000015
Protein Refseq	NP_000006
UniProt ID	P11245
Chromosome Location	8p22
Pathway	Acetylation, organism-specific biosystem; Biological oxidations, organism-specific biosystem; Caffeine metabolism, organism-specific biosystem; Caffeine metabolism, conserved biosystem; Drug metabolism - other enzymes, organism-specific biosystem; Drug metabolism - other enzymes, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	acetyltransferase activity; arylamine N-acetyltransferase activity; transferase activity, transferring acyl groups;