Elabscience®

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NAT2 Polyclonal Antibody

Catalog No.	E-AB-65962		**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.		**Host**	Rabbit
Applications	WB,IHC		**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.
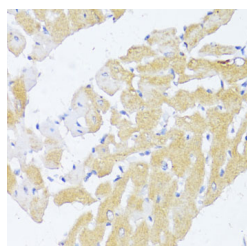
Images
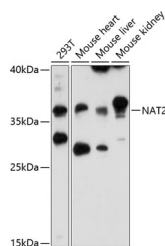
Western blot analysis of extracts of various cell lines using NAT2 Polyclonal Antibody at 1:3000 dilution.
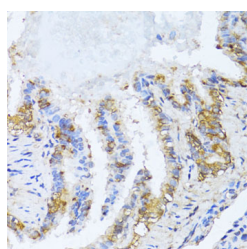
Immunohistochemistry of paraffin-embedded rat lung using NAT2 Polyclonal Antibody at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Immunohistochemistry of paraffin-embedded rat heart using NAT2 Polyclonal antibody at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS

Immunogen Information

Immunogen	Recombinant fusion protein of human NAT2
GeneID	10
Swissprot	P11245
Synonyms	NAT2,AAC2,NAT-2,PNAT

Product Information

Calculated MW	33kDa
Observed MW	36kDa
Buffer	PBS with 0.01% thiomersal,50% glycerol,pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000,IHC 1:50-1:200

Background

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).

Focus on your research
Service for life science

Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.

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