

ARG45638 anti-NUDT8 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NUDT8
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NUDT8
Species	Human
Immunogen	Recombinant protein containing to human NUDT8.
Conjugation	Un-conjugated
Alternate Names	NUDT8; Nudix Hydrolase 8; Nudix (Nucleoside Diphosphate Linked Moiety X)-Type Motif 8; Mitochondrial Coenzyme A Diphosphatase NUDT8; Nudix Motif 8; FLJ41567; Nucleoside Diphosphate-Linked Moiety X Motif 8, Mitochondrial; Nucleoside Diphosphate-Linked Moiety X Motif 8; EC 3.6.1.77; EC 3.6.1.-

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

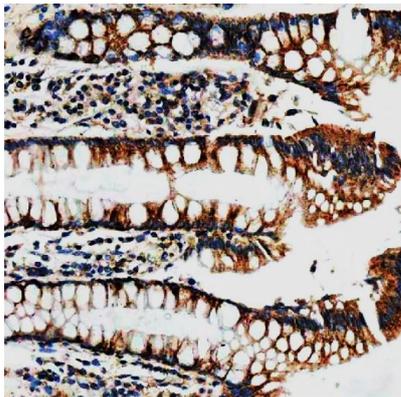
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

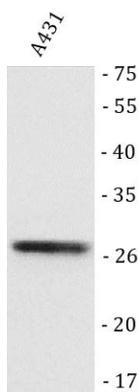
Gene Symbol	NUDT8
Gene Full Name	Nudix Hydrolase 8
Background	Predicted to enable magnesium ion binding activity and manganese ion binding activity. Predicted to be involved in nucleoside phosphate catabolic process. Located in mitochondrion. [provided by Alliance of Genome Resources, Feb 2025]
Function	Acyl-CoA diphosphatase that mediates the hydrolysis of a wide range of CoA and CoA esters yielding 3',5'-ADP and the corresponding 4'-phosphopantetheine derivative as products (By similarity). Hydrolyzes short- and medium-chain acyl-CoAs, exhibiting the highest activity toward free CoA, hexanoyl-CoA, and octanoyl-CoA and the lowest activity against acetyl-CoA (By similarity). Exhibits decapping activity towards dpCoA-capped RNAs in vitro (By similarity). [UniProt]
Calculated Mw	25 kDa
Cellular Localization	Mitochondrion. [UniProt]

Images



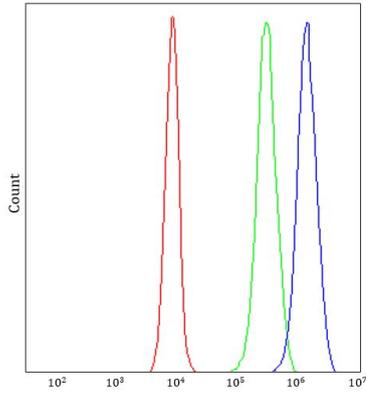
ARG45638 anti-NUDT8 antibody IHC-P image

Immunohistochemistry: Human colon cancer stained with ARG45638 anti-NUDT8 antibody at 2 µg/ml dilution.



ARG45638 anti-NUDT8 antibody WB image

Western blot: A431 stained with ARG45638 anti-NUDT8 antibody at 0.5 µg/ml dilution.



ARG45638 anti-NUDT8 antibody FACS image

Flow Cytometry: A431 stained with ARG45638 anti-NUDT8 antibody at $1 \mu\text{g}/10^6$ cells dilution.