

NUDT3 Polyclonal Antibody

Catalog NumberPA5-30435

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Published species	Human, Not Applicable
Class	Polyclonal	Tested Applications	
Type	Antibody	Dilution *	
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 172 of Human NUDT3	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
		Western Blot (WB)	1:500-1:3,000
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: IMR32. Predicted reactivity: Mouse (97%), Rat (96%), Dog (99%), Pig (99%), Chicken (95%), Rhesus Monkey (100%), Bovine (95%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

NUDT3 belongs to the MutT, or Nudix, protein family. Nudix proteins act as homeostatic checkpoints at important stages in nucleoside phosphate metabolic pathways, guarding against elevated levels of potentially dangerous intermediates, like 8-oxo-dGTP, which promotes AT-to-CG transversions (Safrany et al., 1998).

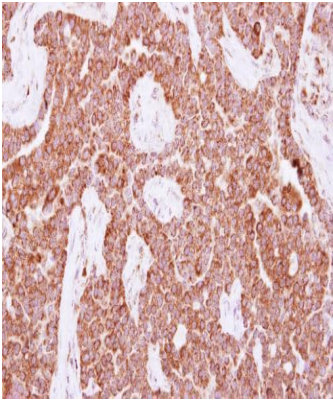
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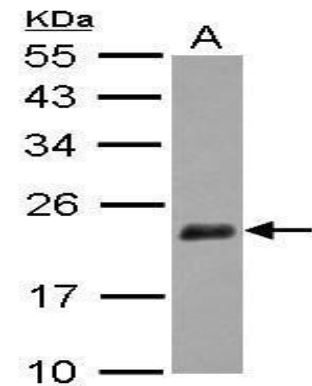
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Product Images For NUDT3 Polyclonal Antibody



NUDT3 Antibody (PA5-30435) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma, using NUDT3 (Product # PA5-30435) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



NUDT3 Antibody (PA5-30435) in WB

Western Blot using NUDT3 Polyclonal Antibody (Product # PA5-30435). Sample (30 µg of whole cell lysate). Lane A: IMR32. 12% SDS PAGE. NUDT3 Polyclonal Antibody (Product # PA5-30435) diluted at 1:1,000.

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