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Datasheet for ABIN2783578 anti-NUDT12 antibody (C-Term)

1 Image

1 Publication



Overview

Target:	NUDT12
Target Details	
Purification:	Protein A purified
Characteristics:	This is a rabbit polyclonal antibody against NUDT12. It was validated on Western Blot using a cell lysate as a positive control.
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Sequence:	LALAVSTEIK VDKNEIEDAR WFTREQVLDV LTKGKQQAFF VPPSRAIAHQ
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human NUDT12
Product Details	
Application:	Western Blotting (WB)
Conjugate:	This NUDT12 antibody is un-conjugated
Clonality:	Polyclonal
Host:	Rabbit
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Guinea Pig
Binding Specificity:	C-Term
Target:	NUDT12
Quantity:	100 µL

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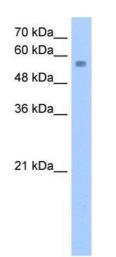
Target Details	
Alternative Name:	NUDT12 (NUDT12 Products)
Background:	Nucleotides are involved in numerous biochemical reactions and pathways within the cell as
	substrates, cofactors, and effectors. Nudix hydrolases, such as NUDT12, regulate the
	concentrations of individual nucleotides and of nucleotide ratios in response to changing
	circumstances.Nucleotides are involved in numerous biochemical reactions and pathways
	within the cell as substrates, cofactors, and effectors. Nudix hydrolases, such as NUDT12,
	regulate the concentrations of individual nucleotides and of nucleotide ratios in response to
	changing circumstances (Abdelraheim et al., 2003 [PubMed 12790796]).[supplied by OMIM].
	PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-299 CB131118.1 1
	299 300-344 BC041099.1 296-340 345-492 CB131118.1 345-492 493-993 BC041099.1 489-
	989 994-1171 BU621954.1 461-638 1172-3502 BC026748.1 206-2536
	Alias Symbols: DKFZP761I172
	Protein Interaction Partner: BLMH,
	Protein Size: 462
Molecular Weight:	52 kDa
Gene ID:	83594
NCBI Accession:	NM_031438, NP_113626
UniProt:	Q9BQG2
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 462 AA
Restrictions:	For Research Use only
Handling	
nanunny	

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

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Handling	
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Publications	
Product cited in:	Clayton, Daley, MacDonald, Fernandez-Vizarra, Bottegoni, ONeil, Major, Griffin, Zhuang, Adewoye, Woolcock, Jones, Goodyear, Elmesmari, Filer, Tennant, Alivernini, Buckley, Pitceathly et al.: "Inflammation causes remodeling of mitochondrial cytochrome c oxidase mediated by the bifunctional gene C15orf48" in: Science advances , Vol. 7, Issue 50, pp. eabl5182, (2021) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-NUDT12 Antibody Titration:2.5ug/ml Positive Control: HepG2 cell lysate