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NUDT10 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant NUDT10.
Catalog # AT3127a

Product Information

Application	WB, E
Primary Accession	Q8NFP7
Other Accession	BC049383
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2F8
Calculated MW	18500

Additional Information

Gene ID	170685
Other Names	Diphosphoinositol polyphosphate phosphohydrolase 3-alpha, DIPP-3-alpha, DIPP3-alpha, hDIPP3alpha, Diadenosine 5', 5'''-P1, P6-hexaphosphate hydrolase 3-alpha, Diadenosine hexaphosphate hydrolase (AMP-forming), Nucleoside diphosphate-linked moiety X motif 10, Nudix motif 10, hAps2, NUDT10, APS2, DIPP3A
Target/Specificity	NUDT10 (AAH49383, 1 a.a. ~ 164 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	NUDT10 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

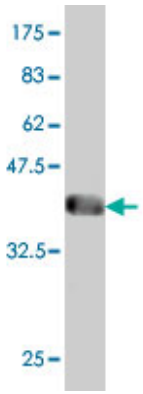
NUDT10 belongs to a subgroup of phosphohydrolases that preferentially attack diphosphoinositol polyphosphates (Hidaka et al., 2002 [PubMed 12105228]).

References

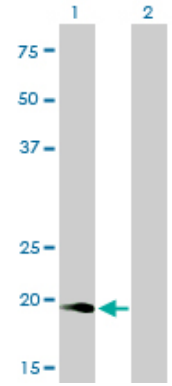
Prostate cancer risk-associated variants reported from genome-wide association studies: Meta-analysis and

their contribution to genetic Variation. Kim ST, et al. Prostate, 2010 Jun 16. PMID 20564319.Common sequence variants on 2p15 and Xp11.22 confer susceptibility to prostate cancer. Gudmundsson J, et al. Nat Genet, 2008 Mar. PMID 18264098.Multiple newly identified loci associated with prostate cancer susceptibility. Eeles RA, et al. Nat Genet, 2008 Mar. PMID 18264097.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.The DNA sequence of the human X chromosome. Ross MT, et al. Nature, 2005 Mar 17. PMID 15772651.

Images

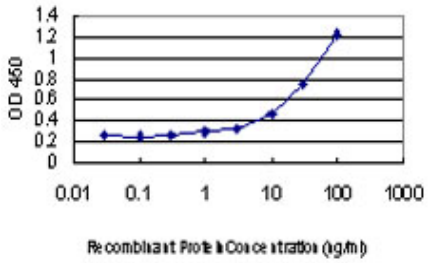


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (43.78 KDa) .



Western Blot analysis of NUDT10 expression in transfected 293T cell line by NUDT10 monoclonal antibody (M01), clone 2F8.

Lane 1: NUDT10 transfected lysate(18.5 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged NUDT10 is approximately 1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.