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ITPK1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant ITPK1.
Catalog # AT2573a

Product Information

Application	WB, E
Primary Accession	Q13572
Other Accession	BC003622
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG3 Kappa
Clone Names	2C8
Calculated MW	45621

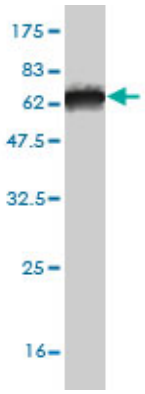
Additional Information

Gene ID	3705
Other Names	Inositol-tetrakisphosphate 1-kinase, Inositol 1, 4-trisphosphate 5/6-kinase, Inositol-triphosphate 5/6-kinase, Ins(1, 4)P(3) 5/6-kinase, ITPK1
Target/Specificity	ITPK1 (AAH03622, 1 a.a. ~ 314 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	ITPK1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

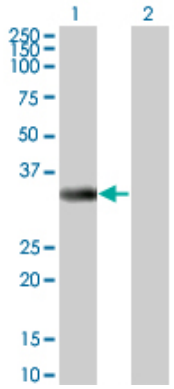
References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Association of genetic variants with hemorrhagic stroke in Japanese individuals. Yoshida T, et al. Int J Mol Med, 2010 Apr. PMID 20198315.Assessment of a polymorphism of SDK1 with hypertension in Japanese Individuals. Oguri M, et al. Am J Hypertens, 2010 Jan. PMID 19851296.Association of gene polymorphisms with chronic kidney disease in Japanese individuals. Yoshida T, et al. Int J Mol Med, 2009 Oct. PMID 19724895.Integration of inositol phosphate signaling pathways via human ITPK1. Chamberlain PP, et al. J Biol Chem, 2007 Sep 21. PMID 17616525.

Images

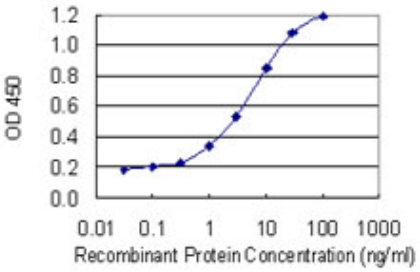


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (60.28 KDa) .

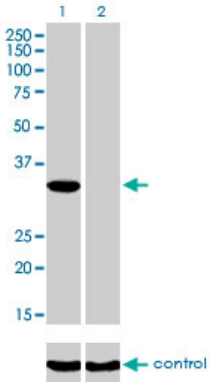


Western Blot analysis of ITPK1 expression in transfected 293T cell line by ITPK1 monoclonal antibody (M01), clone 2C8.

Lane 1: ITPK1 transfected lysate(35.6 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged ITPK1 is 0.1 ng/ml as a capture antibody.



Western blot analysis of ITPK1 over-expressed 293 cell line, cotransfected with ITPK1 Validated Chimera RNAi ((Cat # AT2573a)

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