10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MCTP2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18655a

Product Information

Application	WB, E
Primary Accession	Q6DN12
Other Accession	Q5RJH2, NP_001153115.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37378
Calculated MW	99596
Antigen Region	239-266

Additional Information

Gene ID	55784
Other Names	Multiple C2 and transmembrane domain-containing protein 2, MCTP2
Target/Specificity	This MCTP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 239-266 amino acids from the N-terminal region of human MCTP2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MCTP2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MCTP2
Function	Might play a role in the development of cardiac outflow tract.
Cellular Location	Membrane; Multi-pass membrane protein

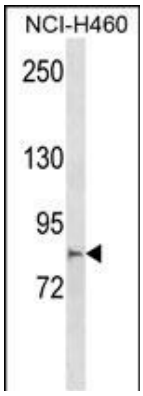
Background

MCTP2 contains C2 domains which bind calcium in the absence of phospholipids. There are 5 isoforms produced by alternative splicing.

References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Cirulli, E.T., et al. Eur. J. Hum. Genet. 18(7):815-820(2010)
Djurovic, S., et al. Psychiatry Res 168(3):256-258(2009)
Daly, A.K., et al. Nat. Genet. 41(7):816-819(2009)
Verma, R., et al. Biol. Psychiatry 63(12):1185-1189(2008)

Images



MCTP2 Antibody (N-term) (Cat. #AP18655a) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the MCTP2 antibody detected the MCTP2 protein (arrow).