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CQ028 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5208b

Product Information

Application	WB, E
Primary Accession	Q8IV36
Other Accession	Q8R1F6
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26356
Calculated MW	88745
Antigen Region	567-595

Additional Information

Gene ID	283987
Other Names	Protein HID1, Down-regulated in multiple cancers 1, HID1 domain-containing protein, Protein hid-1 homolog, HID1, C17orf28, DMC1
Target/Specificity	This CQ028 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 567-595 amino acids from the C-terminal region of human CQ028.
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	CQ028 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HID1
Synonyms	C17orf28, DMC1

Function	Plays a role in the biogenesis of large dense core vesicles (LDCVs) at the trans-Golgi network; necessary for the proper sorting of cargo into LDCVs and is required for proper regulated exocytosis (also known as regulated secretory pathway).
Cellular Location	Cytoplasm. Golgi apparatus, trans-Golgi network membrane; Lipid-anchor. Note=Shuttles between the cytosol and the Golgi apparatus
Tissue Location	Expressed in heart, skeletal muscle, colon, spleen, kidney, liver, small intestine and lung. Highest expression is seen in brain and placenta. Loss of expression is seen in some breast, cervical, hepatocellular, lung, thyroid, gastric and renal cell-cancer lines. Highly expressed in secretory cell lines. Expressed in almost all regions of the brain, in cerebellum, anterior frontal cortex, and striatum.

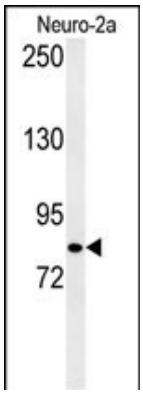
Background

CQ028 may play an important role in the development of cancers in a broad range of tissues.

References

Harada, H., et al. J. Hum. Genet. 46(2):90-95(2001) Masson, J.Y., et al. EMBO J. 18(22):6552-6560(1999)

Images



Western blot analysis of CQ028 Antibody (C-term) (Cat. #AP5208b) in Neuro-2a cell line lysates (35ug/lane).CQ028 (arrow) was detected using the purified Pab.

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