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C12orf30 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10270C

Product Information

Application	WB, E
Primary Accession	Q14CX7
Other Accession	NP_079229.2
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27630
Calculated MW	112292
Antigen Region	720-748

Additional Information

Gene ID	80018
Other Names	N-alpha-acetyltransferase 25, NatB auxiliary subunit, Mitochondrial distribution and morphology protein 20, N-terminal acetyltransferase B complex subunit MDM20, NatB complex subunit MDM20, N-terminal acetyltransferase B complex subunit NAA25, p120, NAA25, C12orf30, MDM20, NAP1
Target/Specificity	This C12orf30 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 720-748 amino acids from the Central region of human C12orf30.
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	C12orf30 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NAA25

Synonyms	C12orf30, MDM20, NAP1
Function	Non-catalytic subunit of the NatB complex which catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Asp, Met-Glu, Met-Asn and Met-Gln. May play a role in normal cell-cycle progression.
Cellular Location	Cytoplasm.

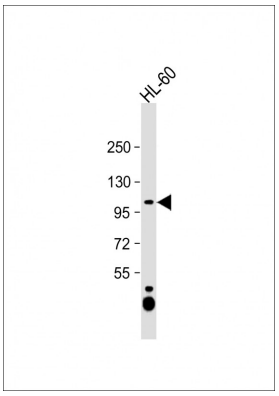
Background

This gene encodes the auxiliary subunit of the heteromeric N-terminal acetyltransferase B complex. This complex acetylates methionine residues that are followed by acidic or asparagine residues.

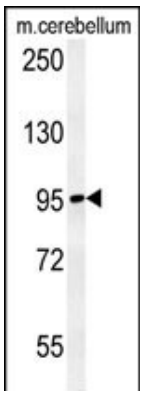
References

Feng, T., et al. Hum. Genet. 128(3):269-280(2010)
Pierce, B.L., et al. Hum. Hered. 69(3):193-201(2010)
Douroudis, K., et al. BMC Med. Genet. 11, 11 (2010) :
Prahalad, S., et al. Arthritis Rheum. 60(7):2124-2130(2009)
Polevoda, B., et al. BMC Proc 3 SUPPL 6, S2 (2009) :

Images



Anti-C12orf30 Antibody (Center) at 1:1000 dilution + HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 112 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



C12orf30 Antibody (Center) (Cat. #AP10270c) western blot analysis in mouse cerebellum tissue lysates (15ug/lane).This demonstrates the C12orf30 antibody detected C12orf30 protein (arrow).

Citations

- pTSara-NatB, an improved N-terminal acetylation system for recombinant protein expression in E. coli.

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