

HIGD2A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14331a

Product Information

Application	WB, E
Primary Accession	Q9BW72
Other Accession	NP_620175.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29046
Calculated MW	11529
Antigen Region	15-44

Additional Information

Gene ID	192286
Other Names	HIG1 domain family member 2A, mitochondrial, RCF1 homolog B, RCF1b, HIGD2A
Target/Specificity	This HIGD2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-44 amino acids from the N-terminal region of human HIGD2A.
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	HIGD2A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HIGD2A
Function	Proposed subunit of cytochrome c oxidase (COX, complex IV), which is the terminal component of the mitochondrial respiratory chain that catalyzes the reduction of oxygen to water. May be involved in cytochrome c oxidase

activity. May play a role in the assembly of respiratory supercomplexes.

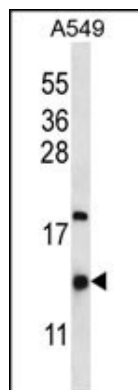
Cellular Location

Mitochondrion membrane {ECO:0000255|PROSITE- ProRule:PRU00836, ECO:0000269|PubMed:22342701}; Multi-pass membrane protein {ECO:0000255|PROSITE-ProRule:PRU00836, ECO:0000269|PubMed:22342701}. Mitochondrion inner membrane

References

Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :

Images



HIGD2A Antibody (N-term) (Cat. #AP14331a) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the HIGD2A antibody detected the HIGD2A protein (arrow).

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