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C4orf29 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15683

Product Information

Application	WB
Primary Accession	Q0P651
Other Accession	NM_001039717, NP_001034806
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53044

Additional Information

Gene ID	80167
Other Names	Uncharacterized protein C4orf29, C4orf29
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-C4orf29 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	C4orf29 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

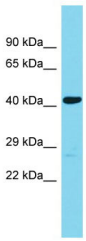
Protein Information

Name	ABHD18 (HGNC:26111)
Synonyms	C4orf29
Function	Catalyzes the hydrolysis of an acyl chain from the tetra- acylated cardiolipin (CL) and produces the tri-acylated monolysocardiolipin (MLCL) (PubMed:40903572). Prefers CL with shorter and saturated fatty acyl chains as substrates (PubMed:40903572). Together with Tafazzin (TAZ), it participates in the mechanism of CL remodeling, a process consisting of repetitive cycles of hydrolysis and reacylation of the fatty acids that make up CL, where the nascent acyl chains are replaced with longer, unsaturated chains (PubMed:40903572).
Cellular Location	Mitochondrion

References

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



Host: Rabbit
Target Name: C4orf29
Sample Tissue: Fetal Heart lysates
Antibody Dilution: 1.0µg/ml

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