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C1ORF151 Rabbit pAb

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Catalog # AP55748

Product Information

Application	WB
Primary Accession	Q5TGZ0
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	8808
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C1ORF151
Epitope Specificity	41-78/78
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass membrane protein
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Mitochondrion inner membrane; Single-pass membrane protein. Note=The C-terminus is located in the intermembrane space (By similarity), while the location of the N-terminus has not been determined yet. As some programs predict the presence of 2 closely apposed membrane domains, it has been proposed that the protein may cross the membrane twice and that both termini may face the intermembrane space (PubMed:22114354).

Additional Information

Gene ID	440574
Other Names	MICOS complex subunit MIC10, Mitochondrial inner membrane organizing system protein 1, MICOS10 (HGNC:32068)
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

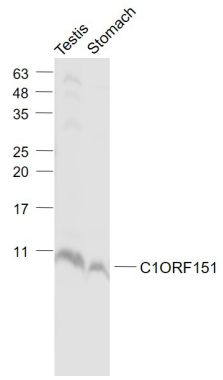
Name	MICOS10 (HGNC:32068)

Function	Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane.
Cellular Location	Mitochondrion inner membrane; Single-pass membrane protein. Note=The C-terminus is located in the intermembrane space (By similarity), while the location of the N- terminus has not been determined yet. As some programs predict the presence of 2 closely apposed membrane domains, it has been proposed that the protein may cross the membrane twice and that both termini may face the intermembrane space (PubMed:22114354). {ECO:0000250, ECO:0000269|PubMed:22114354}

Background

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Images



Sample:
Testis (Mouse) Lysate at 40 ug
Stomach (Mouse) Lysate at 40 ug
Primary: Anti- C1ORF151 (AP55748) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 9 kD
Observed band size: 9 kD

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