

C10RF151 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55748

Specification

Physical State

C10RF151 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat, Pig, Dog
Host
Clonality
Calculated MW

OSTGZO
Rat, Pig, Dog
Rabbit
Polyclonal
9 KDa

Immunogen KLH conjugated synthetic peptide derived

Liquid

from human C10RF151

Epitope Specificity 41-78/78 Isotype IgG

Isotype
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

SIMILARITY

Belongs to the mitochondrial organizing structure protein type 1 family.

SUBUNIT Component of the MINOS/MitOS complex,

that includes IMMT, HSPA9 and CHCHD3 and associates with mitochondrial outer membrane proteins SAMM50, MTX1 and

MTX2.

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).

C10RF151 Polyclonal Antibody - Additional Information

Gene ID 440574

Other Names

MICOS complex subunit MIC10, Mitochondrial inner membrane organizing system protein 1, MICOS10 (HGNC:32068)



Dilution

WB~~1:1000<br \><span class
="dilution_IHC-P">IHC-P~~N/A<br \><span class
="dilution_IHC-F">IHC-F~~N/A<br \><span class
="dilution_IF">IF~~1:50~200<br \>ICC~~N/A<br \>ICC~~N/A<br \>ICC~~N/A

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.

C10RF151 Polyclonal Antibody - 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}

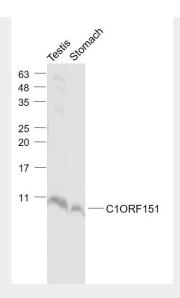
C10RF151 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

C10RF151 Polyclonal Antibody - Images





Sample:

Testis (Mouse) Lysate at 40 ug Stomach (Mouse) Lysate at 40 ug

Primary: Anti- C10RF151 (bs-15029R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 9 kD Observed band size: 9 kD