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SAMM50 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15535

Specification

SAMM50 Antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q9Y512
Other Accession	NM_015380, NP_056195
Reactivity	**Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**52kDa KDa**

SAMM50 Antibody - N-terminal region - Additional Information

Gene ID 25813

Alias Symbol **OMP85, SAM50, TOB55, TRG-3, YNL026W**
Other Names
Sorting and assembly machinery component 50 homolog, Transformation-related gene 3 protein, TRG-3, SAMM50, SAM50

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-SAMM50 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
SAMM50 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SAMM50 Antibody - N-terminal region - Protein Information

Name SAMM50

Synonyms SAM50

Function
Plays a crucial role in the maintenance of the structure of mitochondrial cristae and the proper assembly of the mitochondrial respiratory chain complexes (PubMed:22252321, PubMed:25781180). Required for

the assembly of TOMM40 into the TOM complex (PubMed:15644312).

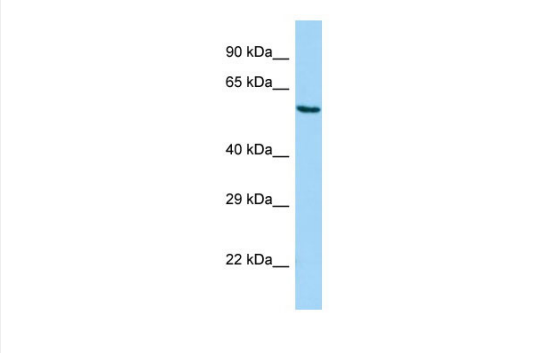
Cellular Location
Mitochondrion outer membrane; Multi-pass membrane protein. Cytoplasm {ECO:0000250|UniProtKB:Q6AXV4}. Mitochondrion

SAMM50 Antibody - N-terminal region - 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

SAMM50 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: SAMM50
Sample Tissue: A549 Whole cell lysate
s
Antibody Dilution: 1.0µg/ml

SAMM50 Antibody - N-terminal region - References

Lai C.-H.,et al.Genome Res. 10:703-713(2000).
Kim J.W.,et al.Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.