

SAMM50 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15535

Product Information

Application	WB
Primary Accession	Q9Y512
Other Accession	NM_015380 , NP_056195
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	51976

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.

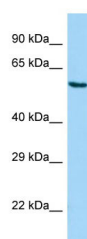
Protein Information

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

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.

Images



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

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