

Anti-SAMM50 Rabbit Monoclonal Antibody Catalog # ABO16181

Specification

Anti-SAMM50 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	Q9Y512
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-SAMM50 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Anti-SAMM50 Rabbit Monoclonal Antibody - Additional Information

Gene ID 25813

Other Names

Sorting and assembly machinery component 50 homolog, Transformation-related gene 3 protein, TRG-3, SAMM50, SAM50

Calculated MW

52 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human SAMM50

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-SAMM50 Rabbit Monoclonal Antibody - 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

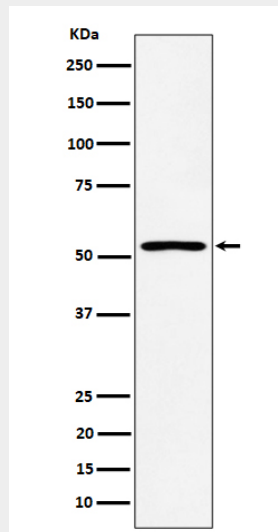
Mitochondrion outer membrane; Multi-pass membrane protein. Cytoplasm {ECO:0000250|UniProtKB:Q6AXV4}. Mitochondrion

Anti-SAMM50 Rabbit Monoclonal 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 Cytometry](#)
- [Cell Culture](#)

Anti-SAMM50 Rabbit Monoclonal Antibody - Images



Western blot analysis of SAMM50 expression in HepG2 cell lysate.