

SAMM50 Rabbit pAb

Catalog NO.: A3401 **1 Publications**

Basic Information

Observed MW

55kDa

Calculated MW

52kDa

Category

Polyclonal Antibodies

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Background

This gene encodes a component of the Sorting and Assembly Machinery (SAM) of the mitochondrial outer membrane. The Sam complex functions in the assembly of beta-barrel proteins into the outer mitochondrial membrane.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IP
0.5µg-4µg antibody for 400µg-600µg extracts of whole cells

ELISA
Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Contact

Immunogen Information

Gene ID	Swiss Prot
25813	Q9Y512

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

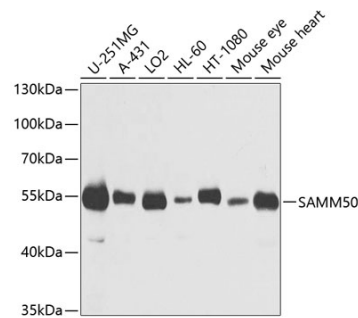
Synonyms
OMP85; SAM50; TOB55; TRG-3; CGI-51; YNL026W; SAMM50

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Western blot analysis of various lysates using SAMM50 Rabbit pAb (A3401) at 1:1000 dilution.

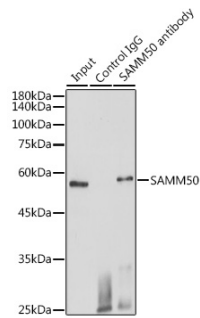
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

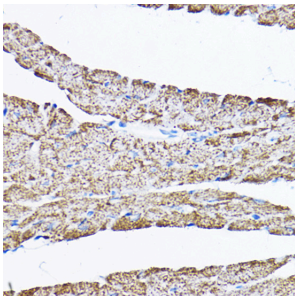
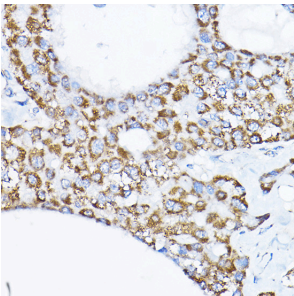
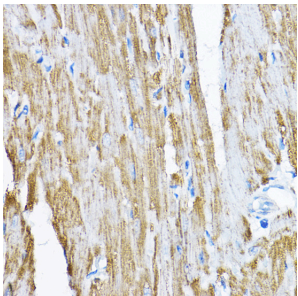
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunoprecipitation analysis of 600 µg extracts of Mouse heart cells using 3 µg SAMM50 antibody (A3401). Western blot was performed from the immunoprecipitate using SAMM50 antibody (A3401) at a dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded Rat heart using SAMM50 Rabbit pAb (A3401) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Human liver cancer using SAMM50 Rabbit pAb (A3401) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Mouse heart using SAMM50 Rabbit pAb (A3401) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.