

# SAMM50 Rabbit pAb

Catalog No.: A3401

## Basic Information

### Observed MW

55kDa

### Calculated MW

51kDa

### Category

Primary antibody

### Applications

WB,IHC,IP

### Cross-Reactivity

Human, Mouse, Rat

## 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

<b>WB</b>	1:500 - 1:2000
<b>IHC</b>	1:50 - 1:200
<b>IP</b>	1:50 - 1:200

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
25813	Q9Y512

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human SAMM50 (NP\_056195.3).

### Synonyms

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

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

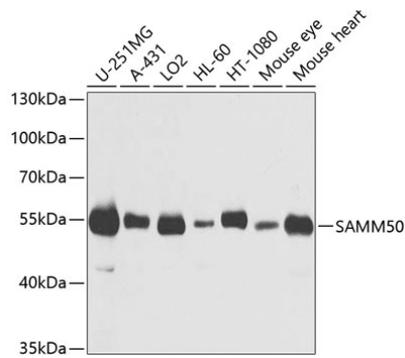
<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using SAMM50 antibody (A3401) at 1:1000 dilution.

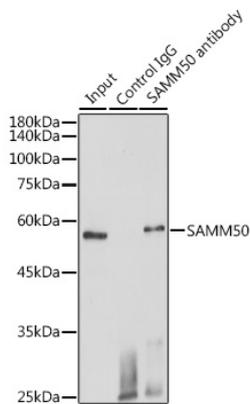
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

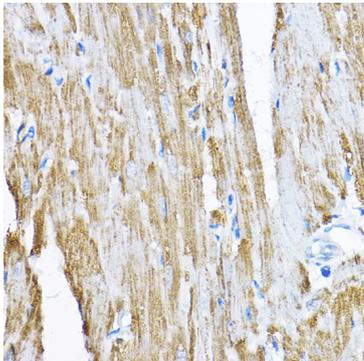
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

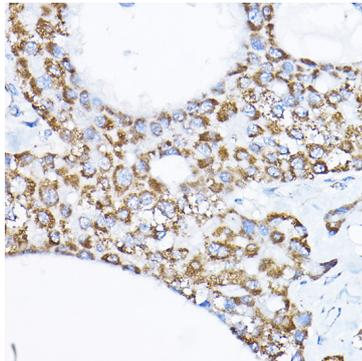
Exposure time: 30s.



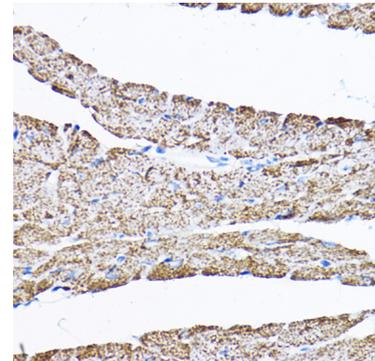
Immunoprecipitation analysis of 600ug extracts of Mouse heart cells using 3ug SAMM50 antibody (A3401). Western blot was performed from the immunoprecipitate using SAMM50 antibody (A3401) at a dilution of 1:1000.



Immunohistochemistry of paraffin-embedded rat heart using SAMM50 Rabbit pAb (A3401) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human liver cancer using SAMM50 Rabbit pAb (A3401) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse heart using SAMM50 Rabbit pAb (A3401) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.