

Rabbit anti-Human, Mouse SAMM50 Polyclonal Antibody | anti-SAMM50 antibody

SAMM50 Antibody

CATALOG # AAA232204	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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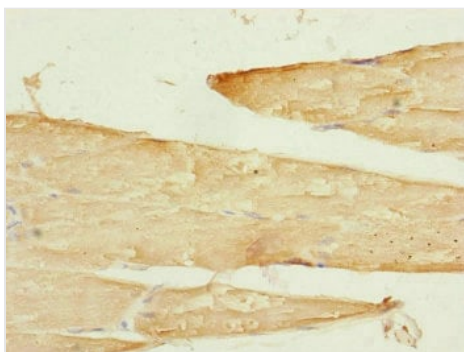
PRODUCT SYNONYMS

SAMM50; Polyclonal Antibody; SAMM50 Antibody; Sorting and assembly machinery component 50 homolog; Transformation-related gene 3 protein; TRG-3; SAM50; CGI-51; TRG3; anti-SAMM50 antibody

PRODUCT SPECIFICATIONS

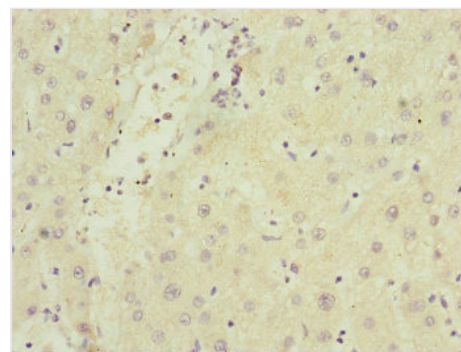
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	469
Applicable Applications for anti-SAMM50 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Sorting and assembly machinery component 50 homolog protein (N-220AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-86847 / sc-86848
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



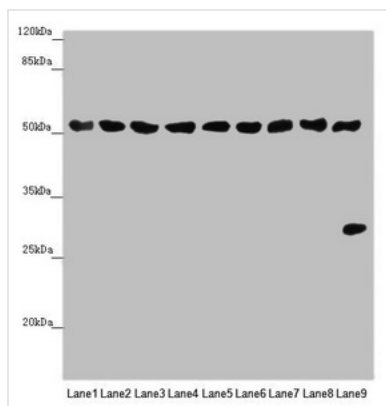
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA232204 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA232204 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: SAMM50 antibody at 0.98 ug/mL
 Lane 1: Mouse gonadal tissue
 Lane 2: A375 whole cell lysate
 Lane 3: A431 whole cell lysate
 Lane 4: 293T whole cell lysate
 Lane 5: Hela whole cell lysate
 Lane 6: A549 whole cell lysate
 Lane 7: HepG-2 whole cell lysate
 Lane 8: U251 whole cell lysate
 Lane 9: LO2 whole cell lysate
 SecondaryGoat polyclonal to rabbit IgG at 1/10000 dilution
 Predicted band size: 52 kDa
 Observed band size: 52,30 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SAMM50 antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	225543166
NCBI GeneID	25813
NCBI Accession #	NP_056195.3
NCBI GenBank Nucleotide #	NM_015380.4
UniProt Accession #	Q9Y512; Q53HC4; Q56VW7; Q969Y9; Q96I46; Q9NW85; Q9UQM9
Molecular Weight	51,976 Da
NCBI Official Full Name	sorting and assembly machinery component 50 homolog
NCBI Official Synonym Full Names	SAMM50 sorting and assembly machinery component
NCBI Official Symbol	SAMM50
NCBI Official Synonym Symbols	OMP85; SAM50; TOB55; TRG-3; CGI-51; YNL026W
NCBI Protein Information	sorting and assembly machinery component 50 homolog
UniProt Protein Name	Sorting and assembly machinery component 50 homolog
UniProt Gene Name	SAMM50
UniProt Synonym Gene Names	SAM50; TRG-3
UniProt Entry Name	SAM50_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/samm50-antibody-immunohistochemistry-western-blot-elisa/232204>