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SAMM50 Antibody

Rabbit mAb
Catalog # AP92764

Product Information

Application	WB, IHC
Primary Accession	Q9Y512
Reactivity	Human
Clonality	Monoclonal
Other Names	CGI 51; OMP85; SAM50; Samm50; TOB55;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	51976

Additional Information

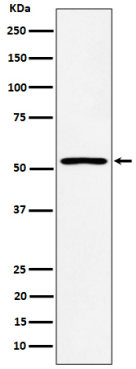
Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human SAMM50
Description	May be required for the assembly pathway of mitochondrial outer membrane proteins.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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

Images

Western blot analysis of SAMM50 expression in HepG2 cell lysate.



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