

SAMM50 Antibody

Rabbit mAb Catalog # AP92764

Product Information

ApplicationWB, IHCPrimary AccessionQ9Y512ReactivityHumanClonalityMonoclonal

Other Names CGI 51; OMP85; SAM50; Samm50; TOB55;

IsotypeRabbit IgGHostRabbitCalculated MW51976

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

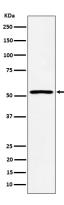
cristae and the proper assembly of the mitochondrial respiratory chain complexes (PubMed:22252321, PubMed:25781180). Required for the assembly of TOMM40 into the TOM complex (PubMed:15644312).

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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