

KD-Validated Anti-SAMM50 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1654

Product Information

Application	WB, FC, ICC
Primary Accession	Q9Y512
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1135
Calculated MW	51976
Gene Name	SAMM50
Aliases	SAMM50 Sorting And Assembly Machinery Component; TRG-3; SAM50; YNL026W; CGI-51; OMP85; TOB55; Sorting And Assembly Machinery Component 50 Homolog; Transformation-Related Gene 3 Protein; Sorting And Assembly Machinery Component 50 Homolog (S. Cerevisiae); Sorting And Assembly Machinery 50kDa
Immunogen	A synthesized peptide derived from human SAMM50

Additional Information

Gene ID	25813
Other Names	Sorting and assembly machinery component 50 homolog, Transformation-related gene 3 protein, TRG-3, SAMM50, SAM50

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.