

C7orf44 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55912

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9GZY4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16694

Additional Information

Gene ID	55744
Other Names	Cytochrome c oxidase assembly factor 1 homolog, Mitochondrial translation regulation assembly intermediate of cytochrome c oxidase protein of 15 kDa, COA1, C7orf44, MITRAC15
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	COA1 (HGNC:21868)
Synonyms	C7orf44, MITRAC15
Function	Component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex, that regulates cytochrome c oxidase assembly. MITRAC complexes regulate both translation of mitochondrial encoded components and assembly of nuclear-encoded components imported in mitochondrion. Required for assembly of mitochondrial respiratory chain complex I and complex IV (PubMed: 23260140). As part of the MCIA complex, required for efficient assembly of the mitochondrial complex I (PubMed: 32320651).
Cellular Location	Mitochondrion inner membrane; Single-pass membrane protein