

FAM36A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58898

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q5RI15
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13291

Additional Information

Gene ID	116228
Other Names	Cytochrome c oxidase assembly protein COX20, mitochondrial, COX20, FAM36A
Dilution	IHC-P=1:100-500,IHC-F=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	COX20
Synonyms	FAM36A
Function	Essential for the assembly of the mitochondrial respiratory chain complex IV (CIV), also known as cytochrome c oxidase (PubMed: 23125284). Acts as a chaperone in the early steps of cytochrome c oxidase subunit II (MT-CO2/COX2) maturation, stabilizing the newly synthesized protein and presenting it to metallochaperones SCO1/2 which in turn facilitates the incorporation of the mature MT-CO2/COX2 into the assembling CIV holoenzyme (PubMed: 24403053).
Cellular Location	Mitochondrion inner membrane; Multi-pass membrane protein

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