

HIG1/HIGD1A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP59128

Product Information

Application	IHC-F, IF, E
Primary Accession	Q9Y241
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10143

Additional Information

Gene ID	25994
Other Names	HIG1 domain family member 1A, mitochondrial, Hypoxia-inducible gene 1 protein, RCF1 homolog A, RCF1a, HIGD1A, HIG1
Dilution	IHC-F=1:100-500,IF=1:50-200,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	HIGD1A
Synonyms	HIG1
Function	Proposed subunit of cytochrome c oxidase (COX, complex IV), which is the terminal component of the mitochondrial respiratory chain that catalyzes the reduction of oxygen to water. May play a role in the assembly of respiratory supercomplexes.
Cellular Location	Mitochondrion membrane {ECO:0000255 PROSITE- ProRule:PRU00836, ECO:0000269 PubMed:22342701}; Multi-pass membrane protein {ECO:0000255 PROSITE-ProRule:PRU00836, ECO:0000269 PubMed:22342701}. Mitochondrion inner membrane

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