

FASTKD5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58509

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q7TMV3
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86600

Additional Information

Gene ID	380601
Other Names	FAST kinase domain-containing protein 5, mitochondrial, Fastkd5, Kiaa1792
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	Fastkd5
Synonyms	Kiaa1792
Function	Required for the processing of non-canonical mitochondrial pre-mRNAs within the primary mitochondrial polycistronic transcript, i.e. pre-mRNA sequences that are not flanked by tRNA (tRNA punctuation) (By similarity). Has endoribonuclease activity and processes MT-CO1, MT-CO3 and MT-CYB pre-mRNAs, generating products with 3'/2'-phosphate or a 2',3'-cyclic phosphodiester at the 3'-end (By similarity).
Cellular Location	Mitochondrion matrix, mitochondrion nucleoid {ECO:0000250 UniProtKB:Q7L8L6}. Note=Localizes to mitochondrial RNA granules found in close proximity to the mitochondrial nucleoids {ECO:0000250 UniProtKB:Q7L8L6}
Tissue Location	Expression detected in spleen, testis, colon, heart, smooth muscle, kidney, brain, lung, liver, brown and white adipose tissue.

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