

FASTKD1 Polyclonal Antibody

Catalog # AP69863

Product Information

Application	WB, E
Primary Accession	Q53R41
Reactivity	Human, Mouse, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97411

Additional Information

Gene ID	79675
Other Names	FASTKD1; KIAA1800; FAST kinase domain-containing protein 1
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

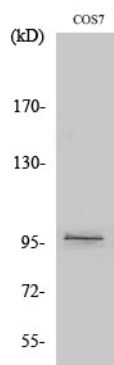
Protein Information

Name	FASTKD1
Synonyms	KIAA1800
Function	Involved in the down-regulation of mitochondrial MT-ND3 mRNA levels which leads to decreased respiratory complex I abundance and activity.
Cellular Location	Mitochondrion Note=Preferentially localizes to mitochondrial RNA granules, platforms for post-transcriptional RNA modification and ribosome assembly (PubMed:28335001).
Tissue Location	Expression detected in spleen, thymus, testis, ovary, colon, heart, smooth muscle, kidney, brain, lung, liver and white adipose tissue with highest expression in heart

Background

Regulates the stability of mitochondrial MT-ND3 mRNA (PubMed: [28335001](#)).

Images



Western Blot analysis of various cells using FASTKD1 Polyclonal Antibody

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