

FASTKD3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18144b

Specification

FASTKD3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q14CZ7
Other Accession	NP_076996.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	75689
Antigen Region	623-650

FASTKD3 Antibody (C-term) - Additional Information

Gene ID 79072

Other Names

FAST kinase domain-containing protein 3, FASTKD3

Target/Specificity

This FASTKD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 623-650 amino acids from the C-terminal region of human FASTKD3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FASTKD3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FASTKD3 Antibody (C-term) - Protein Information

Name FASTKD3

Function Required for normal mitochondrial respiration (PubMed:[20869947](#)). Increases

steady-state levels and half-lives of a subset of mature mitochondrial mRNAs MT-ND2, MT-ND3, MT-CYTB, MT-CO2, and MT-ATP8/6. Promotes MT-CO1 mRNA translation and increases mitochondrial complex IV assembly and activity (PubMed:[27789713](#)).

Cellular Location

Mitochondrion

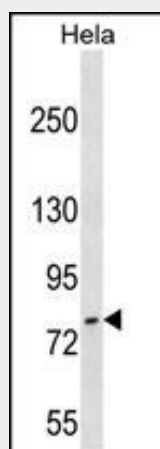
Tissue Location

Expression detected in spleen, thymus, testis, ovary, colon, heart, smooth muscle, kidney, brain, lung, liver and white adipose tissue with highest expression in liver and thyroid

FASTKD3 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FASTKD3 Antibody (C-term) - Images

FASTKD3 Antibody (C-term) (Cat. #AP18144b) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the FASTKD3 antibody detected the FASTKD3 protein (arrow).

FASTKD3 Antibody (C-term) - Background

The function of this protein remains unknown.

FASTKD3 Antibody (C-term) - References

Simarro, M., et al. Biochem. Biophys. Res. Commun. 401(3):440-446(2010)
Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)