

FASTKD3 Polyclonal Antibody
Catalog # AP69865**Specification**

FASTKD3 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q14CZ7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

FASTKD3 Polyclonal Antibody - Additional Information**Gene ID** 79072**Other Names**

FASTKD3; FAST kinase domain-containing protein 3

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

FASTKD3 Polyclonal Antibody - 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

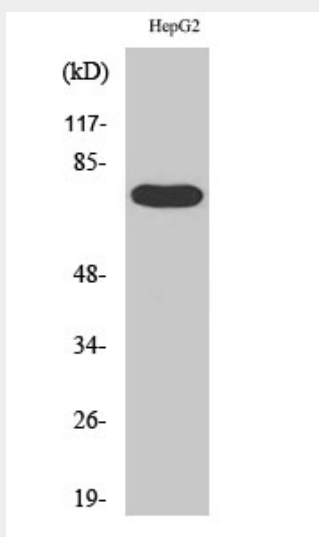
Expression detected in spleen, thymus, testis, ovary, colon, heart, smooth muscle, kidney, brain, lung, liver and white adipose tissue with highest expression in liver and thyroid

FASTKD3 Polyclonal Antibody - Protocols

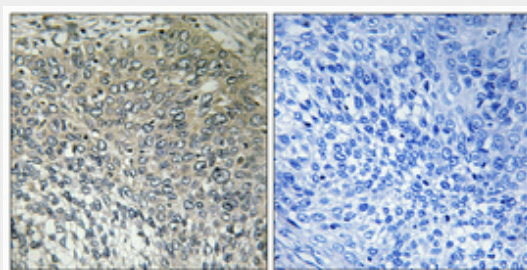
Provided below are standard protocols that you may find useful for product applications.

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

FASTKD3 Polyclonal Antibody - Images



Western Blot analysis of various cells using FASTKD3 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human cervix cancer. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

FASTKD3 Polyclonal Antibody - Background

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