

FASTKD3 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15503**Specification**

FASTKD3 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q14CZ7
Other Accession	NM_024091 , NP_076996
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73kDa KDa

FASTKD3 Antibody - N-terminal region - Additional Information**Gene ID** 79072**Alias Symbol** **FLJ23274, MGC142123, MGC5297****Other Names**

FAST kinase domain-containing protein 3, FASTKD3

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-FASTKD3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

FASTKD3 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

FASTKD3 Antibody - N-terminal region - 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

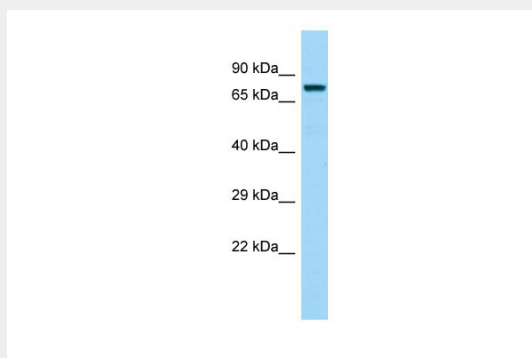
Tissue Location

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 - N-terminal region - 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 - N-terminal region - Images

Host: Rabbit

Target Name: FASTKD3

Sample Tissue: 721_B Whole cell lysate

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Antibody Dilution: 1.0µg/ml FASTKD3 is supported by BioGPS gene expression data to be expressed in 721_B

FASTKD3 Antibody - N-terminal region - References

Schmutz J., et al. Nature 431:268-274(2004).

Sjoeblom T., et al. Science 314:268-274(2006).