

FASTKD2 Polyclonal Antibody
Catalog # AP69864**Specification**

FASTKD2 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9NYY8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

FASTKD2 Polyclonal Antibody - Additional Information**Gene ID** 22868**Other Names**

FASTKD2; KIAA0971; FAST kinase domain-containing protein 2

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Format

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

Storage Conditions

-20°C

FASTKD2 Polyclonal Antibody - Protein Information**Name** FASTKD2 {ECO:0000303|PubMed:27667664, ECO:0000312|HGNC:HGNC:29160}**Function**

Plays an important role in assembly of the mitochondrial large ribosomal subunit (PubMed:25683715). As a component of a functional protein-RNA module, consisting of RCC1L, NGRN, RPUSD3, RPUSD4, TRUB2, FASTKD2 and 16S mitochondrial ribosomal RNA (16S mt- rRNA), controls 16S mt-rRNA abundance and is required for intra- mitochondrial translation (PubMed:25683715, PubMed:26370583, PubMed:27667664). May play a role in mitochondrial apoptosis.

Cellular Location

Mitochondrion matrix, mitochondrion nucleoid Mitochondrion matrix. Note=Localizes to mitochondrial RNA granules found in close proximity to the mitochondrial nucleoids.

Tissue Location

Expression detected in spleen, thymus, testis, ovary, colon, heart, smooth muscle, kidney, brain,

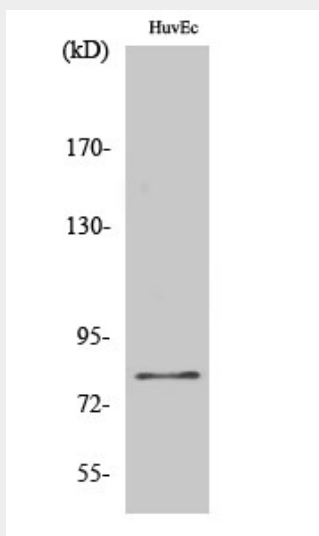
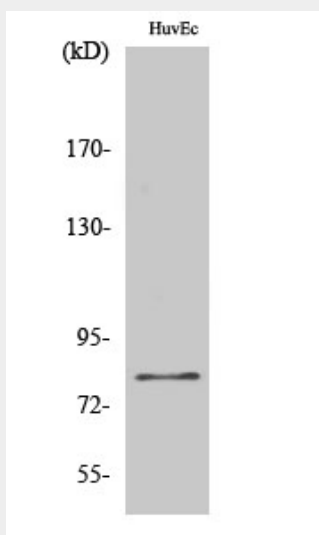
lung, liver and white adipose tissue with highest expression in heart, smooth muscle and thyroid.

FASTKD2 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](#)

FASTKD2 Polyclonal Antibody - Images



FASTKD2 Polyclonal Antibody - Background

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