

FASTKD1 Antibody (aa561-610)
Rabbit Polyclonal Antibody
Catalog # ALS15968**Specification**

FASTKD1 Antibody (aa561-610) - Product Information

Application	IHC, WB
Primary Accession	Q53R41
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97kDa KDa

FASTKD1 Antibody (aa561-610) - Additional Information**Gene ID** 79675**Other Names**

FAST kinase domain-containing protein 1, FASTKD1, KIAA1800

Target/Specificity

FAKD1 Antibody detects endogenous levels of total FAKD1 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

FASTKD1 Antibody (aa561-610) is for research use only and not for use in diagnostic or therapeutic procedures.

FASTKD1 Antibody (aa561-610) - 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

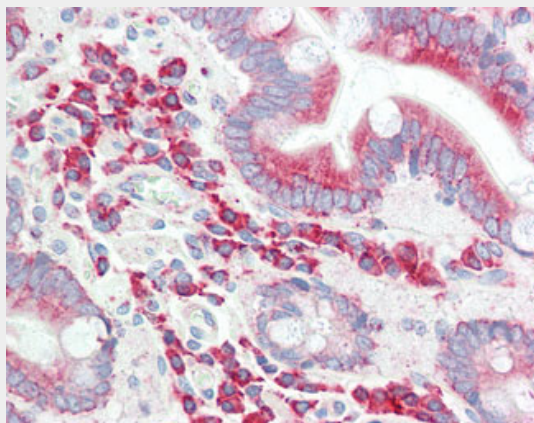
Volume
50 µl

FASTKD1 Antibody (aa561-610) - Protocols

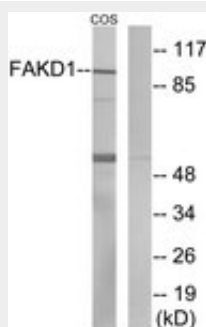
Provided below are standard protocols that you may find useful for product applications.

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

FASTKD1 Antibody (aa561-610) - Images



Anti-FASTKD1 antibody IHC staining of human small intestine.



Western blot of extracts from COS7 cells, using FAKD1 Antibody.

FASTKD1 Antibody (aa561-610) - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Hillier L.W., et al. Nature 434:724-731(2005).
Nagase T., et al. DNA Res. 8:85-95(2001).
Choudhary C., et al. Science 325:834-840(2009).