10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

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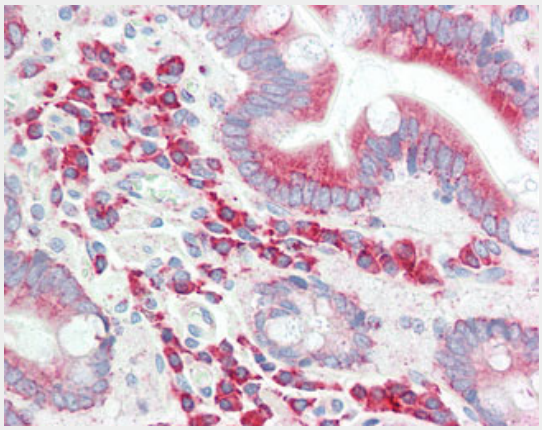
Volume
50 µl

FASTKD1 Antibody (aa561-610) - Protocols

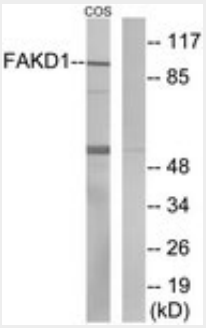
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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).