



FASTKD2 rabbit pAb

Cat No.:ES2331

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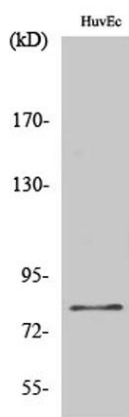
Overview

Product Name	FASTKD2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human FAKD2. AA range:171-220
Specificity	FASTKD2 Polyclonal Antibody detects endogenous levels of FASTKD2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	FAST kinase domain-containing protein 2
Gene Name	FASTKD2
Cellular localization	Mitochondrion matrix, mitochondrion nucleoid . Mitochondrion matrix . Localizes to mitochondrial RNA granules found in close proximity to the mitochondrial nucleoids. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	81kD
Human Gene ID	22868
Human Swiss-Prot Number	Q9NYY8
Alternative Names	FASTKD2; KIAA0971; FAST kinase domain-containing protein 2
Background	This gene encodes a protein that is localized in the mitochondrial inner compartment and that may play a role in mitochondrial apoptosis. Nonsense

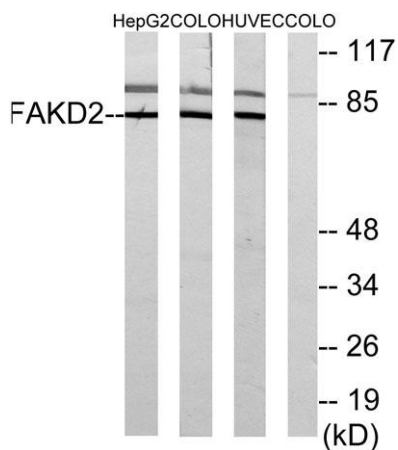




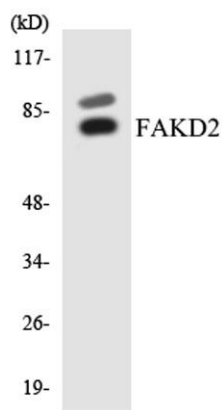
mutations have been reported to result in cytochrome c oxidase deficiency. [provided by RefSeq, Oct 2008],



Western Blot analysis of various cells using FASTKD2 Polyclonal Antibody



Western blot analysis of lysates from HUVEC, HepG2, and COLO cells, using FAKD2 Antibody. The lane on the right is blocked with the synthesized peptide.

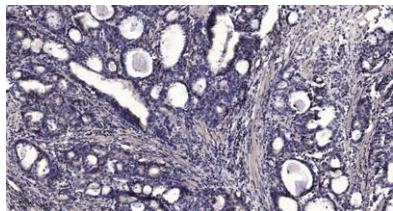


Western blot analysis of the lysates from COLO205 cells using FAKD2 antibody.





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Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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