



# FASTKD2 Polyclonal Antibody

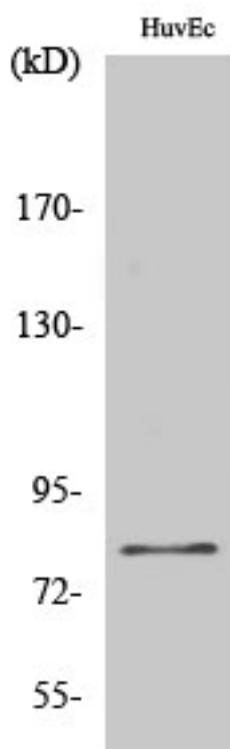
<b>Catalog No</b>	YP-Ab-00397
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	FASTKD2
<b>Protein Name</b>	FAST kinase domain-containing protein 2
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human FASTKD2. AA range:171-220
<b>Specificity</b>	FASTKD2 Polyclonal Antibody detects endogenous levels of FASTKD2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. ELISA: 1/5000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	FASTKD2; KIAA0971; FAST kinase domain-containing protein 2
<b>Observed Band</b>	81kD
<b>Cell Pathway</b>	Mitochondrion matrix, mitochondrion nucleoid . Mitochondrion matrix . Localizes to mitochondrial RNA granules found in close proximity to the mitochondrial nucleoids. .
<b>Tissue Specificity</b>	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.
<b>Function</b>	caution:It is uncertain whether Met-1 or Met-17 is the initiator.,similarity:Belongs to the FAST kinase family.,similarity:Contains 1 RAP domain.,
<b>Background</b>	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],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!



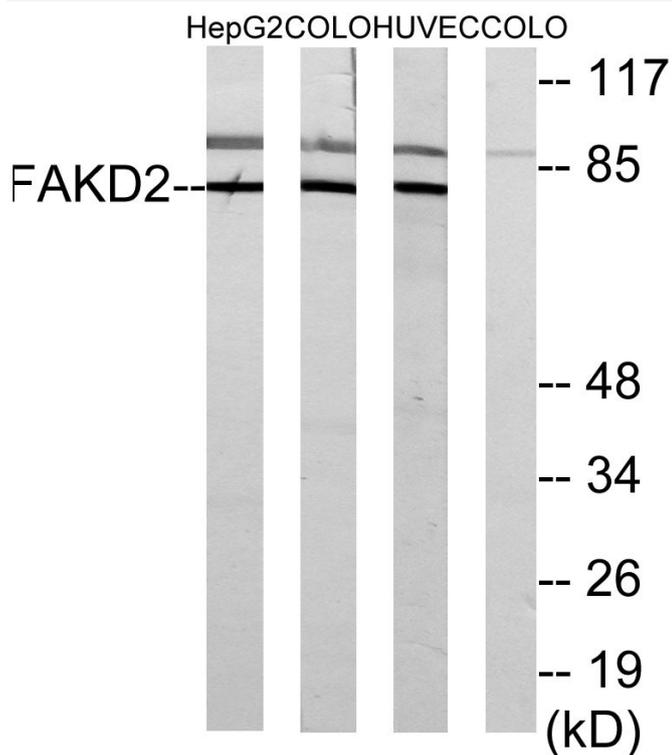
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

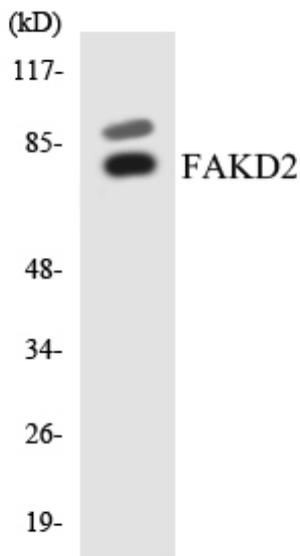
**Products Images**



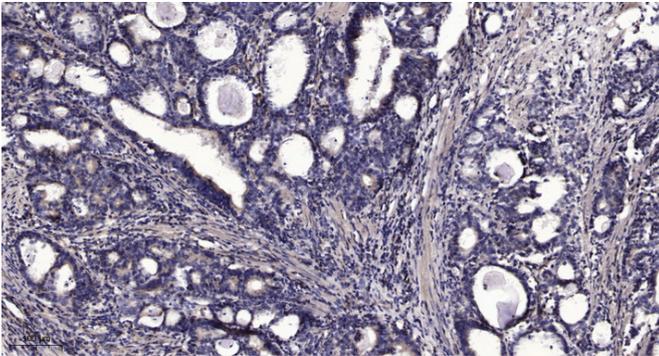
Western Blot analysis of various cells using FASTKD2 Polyclonal Antibody



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.



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).