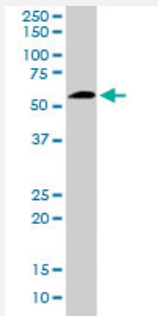


FTCD polyclonal antibody

Catalog # PAB6665

Size 100 ug

Applications



Western Blot (Tissue lysate)

FTCD polyclonal antibody (Cat # PAB6665) staining (0.03 ug/mL) of human liver lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of FTCD.

Immunogen A synthetic peptide corresponding to human FTCD.

Sequence CLREQGRGKDQPGRL

Host Goat

Theoretical MW (kDa) 58.9

Reactivity Human

Specificity This antibody is expected to recognize both reported isoforms.

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:32000) Western Blot (0.03-0.1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

FTCD polyclonal antibody (Cat # PAB6665) staining (0.03 ug/mL) of human liver lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — FTCD

Entrez GeneID	10841
Protein Accession#	NP_006648.1;NP_996848.1
Gene Name	FTCD
Gene Alias	LCHC1
Gene Description	formiminotransferase cyclodeaminase
Omim ID	229100 606806
Gene Ontology	Hyperlink
Gene Summary	FTCD is a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool.[supplied by OMIM]
Other Designations	OTTHUMP00000115563 formimidoyltransferase cyclodeaminase

Publication Reference

- [Localization of Golgi 58K protein \(formiminotransferase cyclodeaminase\) to the centrosome.](#)

Hagiwara H, Tajika Y, Matsuzaki T, Suzuki T, Aoki T, Takata K.

Histochemistry and Cell Biology 2006 Mar; 126(2):251.

Pathway

- [Histidine metabolism](#)
- [Metabolic pathways](#)
- [One carbon pool by folate](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)
- [Spinal Dysraphism](#)