ARG46787
anti-FTCD / 58K Golgi protein antibody

Package: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes FTCD / 58K Golgi protein
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IHC-P, WB
Specificity	Detects a band of 55-60 kDa by Western blot in the following human and mouse whole cell lysates.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FTCD / 58K Golgi protein
Species	Human
Immunogen	Purified recombinant peptide derived from within residues 50 aa to the N-terminus of human FTCD / 58K Golgi protein produced in E. coli.
Conjugation	Un-conjugated
Alternate Names	EC 2.1.2.5; LCHC1; Formiminotetrahydrofolate cyclodeaminase; Formimidoyltransferase-cyclodeaminase; Formiminotransferase-cyclodeaminase; Glutamate formiminotransferase; Glutamate formyltransferase; FTCD; EC 4.3.1.4

Application Instructions

Application table

Application	Dilution
ICC/IF	1:25 - 1:250
IHC-P	1:250 - 1:1000
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Observed Size	55-60 kDa

Properties

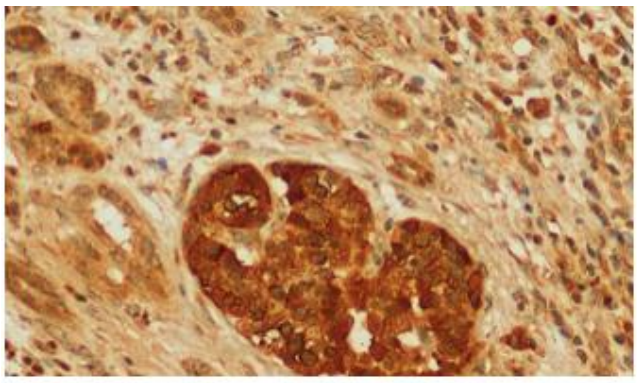
Form	Liquid
Purification	Epitope affinity purified
Buffer	PBS, 0.05% Sodium azide and 20% Glycerol.
Preservative	0.05% Sodium azide
Stabilizer	20% Glycerol
Concentration	3 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

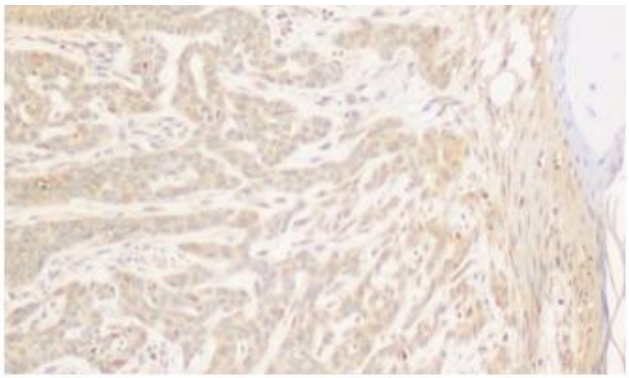
Gene Symbol	FTCD
Gene Full Name	formimidoyltransferase cyclodeaminase
Background	The protein encoded by this gene is a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool. Mutations in this gene are associated with glutamate formiminotransferase deficiency. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Dec 2009]
Function	Folate-dependent enzyme, that displays both transferase and deaminase activity. Serves to channel one-carbon units from formiminoglutamate to the folate pool. Binds and promotes bundling of vimentin filaments originating from the Golgi. [UniProt]
Cellular Localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Golgi apparatus. Note=More abundantly located around the mother centriole. [UniProt]

Images



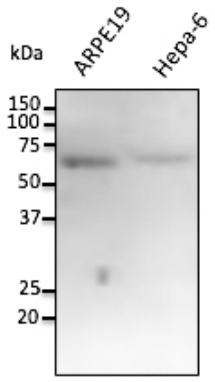
ARG46787 anti-FTCD / 58K Golgi protein antibody IHC-P image

Immunohistochemistry: Human pancreas stained with ARG46787 anti-FTCD / 58K Golgi protein antibody at 1:750 dilution.



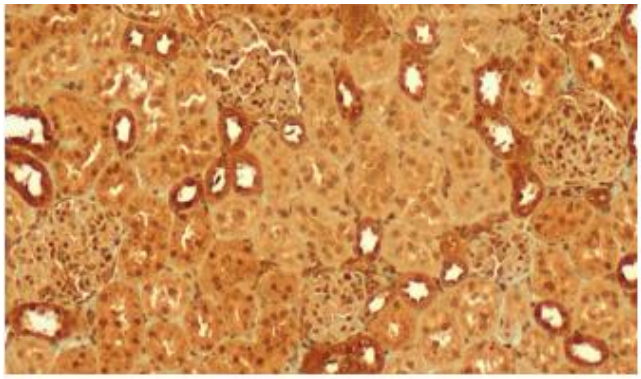
ARG46787 anti-FTCD / 58K Golgi protein antibody IHC-P image

Immunohistochemistry: Human skin stained with ARG46787 anti-FTCD / 58K Golgi protein antibody at 1:750 dilution.



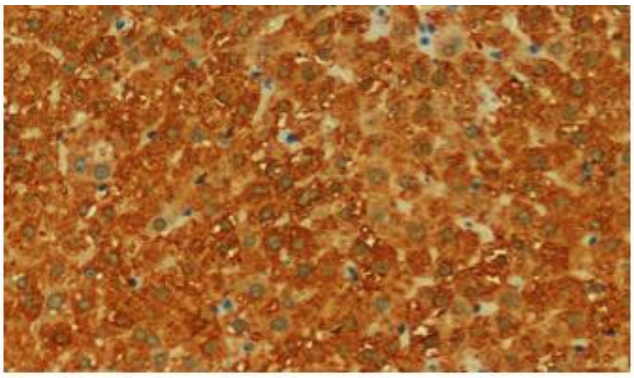
ARG46787 anti-FTCD / 58K Golgi protein antibody WB image

Western blot: ARPE19, Hepa-6 stained with ARG46787 anti-FTCD / 58K Golgi protein antibody at 1:1000 dilution.



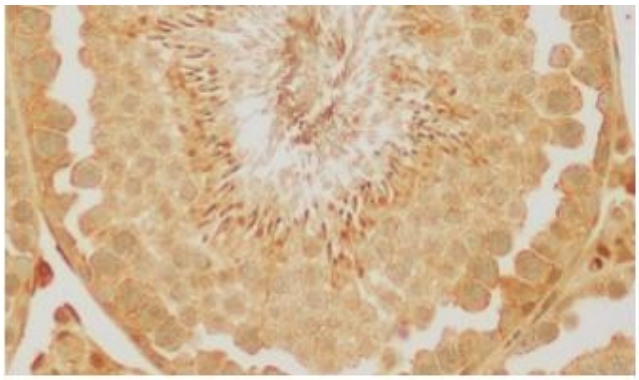
ARG46787 anti-FTCD / 58K Golgi protein antibody IHC-P image

Immunohistochemistry: Mouse kidney stained with ARG46787 anti-FTCD / 58K Golgi protein antibody at 1:750 dilution.



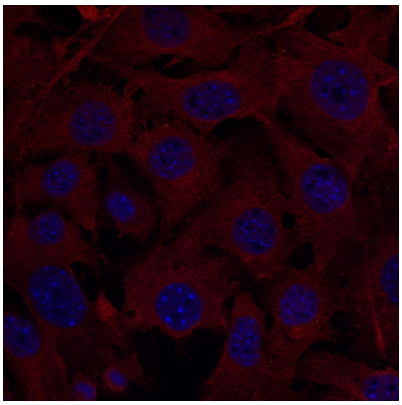
ARG46787 anti-FTCD / 58K Golgi protein antibody IHC-P image

Immunohistochemistry: Mouse liver stained with ARG46787 anti-FTCD / 58K Golgi protein antibody at 1:750 dilution.



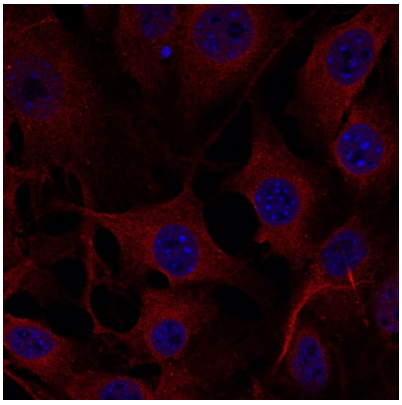
ARG46787 anti-FTCD / 58K Golgi protein antibody IHC-P image

Immunohistochemistry: Mouse testis stained with ARG46787 anti-FTCD / 58K Golgi protein antibody at 1:750 dilution.



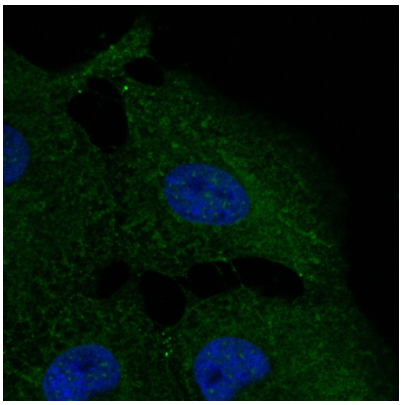
ARG46787 anti-FTCD / 58K Golgi protein antibody ICC/IF image

Immunofluorescence: 3T3 stained with ARG46787 anti-FTCD / 58K Golgi protein antibody at 1:100 dilution.



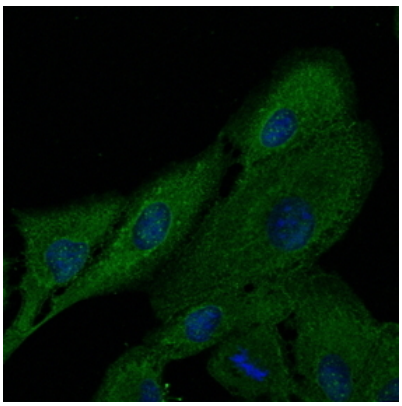
ARG46787 anti-FTCD / 58K Golgi protein antibody ICC/IF image

Immunofluorescence: 3T3 stained with ARG46787 anti-FTCD / 58K Golgi protein antibody at 1:100 dilution.



ARG46787 anti-FTCD / 58K Golgi protein antibody ICC/IF image

Immunofluorescence: NHI/3T3 stained with ARG46787 anti-FTCD / 58K Golgi protein antibody at 1:100 dilution.



ARG46787 anti-FTCD / 58K Golgi protein antibody ICC/IF image

Immunofluorescence: NHI/3T3 stained with ARG46787 anti-FTCD / 58K Golgi protein antibody at 1:100 dilution.