

ARG63656 anti-FTCD / 58K Golgi protein antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes FTCD / 58K Golgi protein
Tested Reactivity	Hu, Ms, Pig
Predict Reactivity	Cow, Rat
Tested Application	FACS, ICC/IF, WB
Specificity	Variants (NP_006648.1; NP_996848.1) encode the same protein.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FTCD / 58K Golgi protein
Species	Human
Immunogen	CLREQGRGKDQPGRL
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
	FACS	10 µg/ml
	ICC/IF	10 µg/ml
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human, Mouse and Pig liver.	

Properties

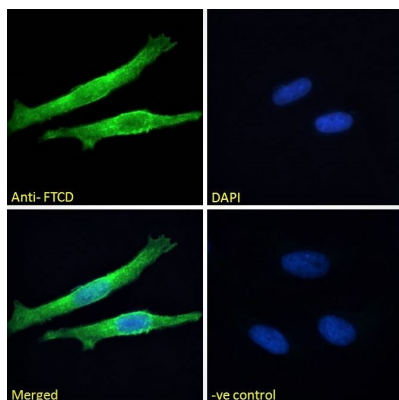
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide

Stabilizer	0.5% BSA
Concentration	0.5 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 or below. 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

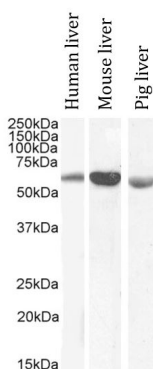
Background	The protein encoded by this gene is a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool. Mutations in this gene are associated with glutamate formiminotransferase deficiency. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Dec 2009]
Research Area	Controls and Markers antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	59 kDa

Images



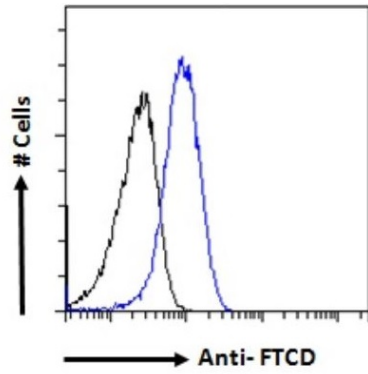
ARG63656 anti-FTCD / 58K Golgi protein antibody ICC/IF image

Immunofluorescence: Paraformaldehyde-fixed HeLa cells permeabilized with 0.15% Triton. Cells were stained with ARG63656 anti-FTCD / 58K Golgi protein antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



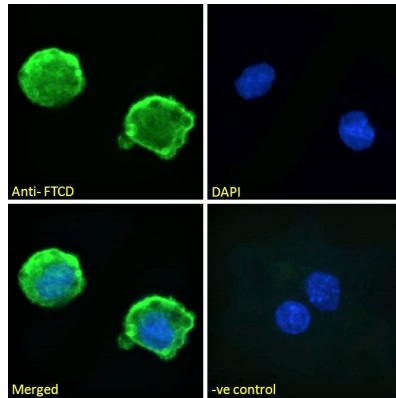
ARG63656 anti-FTCD / 58K Golgi protein antibody WB image

Western blot: 35 µg of Human liver, Mouse liver and Pig liver lysates stained with ARG63656 anti-FTCD / 58K Golgi protein antibody at 0.1 µg/ml (Human and Mouse data) or 0.3 µg/ml (Pig data) and incubated at RT for 1 hour.



ARG63656 anti-FTCD / 58K Golgi protein antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed HepG2 cells permeabilized with 0.5% Triton. Cells were stained with ARG63656 anti-FTCD / 58K Golgi protein antibody at 10 $\mu\text{g}/\text{ml}$ dilution for 1 hour (blue line) or Goat IgG isotype control antibody (black line), followed by incubation with Alexa Fluor[®] 488 labelled secondary antibody.



ARG63656 anti-FTCD / 58K Golgi protein antibody ICC/IF image

Immunofluorescence: Paraformaldehyde-fixed HepG2 cells permeabilized with 0.15% Triton. Cells were stained with ARG63656 anti-FTCD / 58K Golgi protein antibody (green) at 10 $\mu\text{g}/\text{ml}$ dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 $\mu\text{g}/\text{ml}$ dilution.