

Datasheet for ABIN185267
anti-FTCD antibody (N-Term)

5 Images

1 Publication

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Overview

Quantity:	100 µg
Target:	FTCD
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FTCD antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	58K Golgi protein(N-Term)/FTCD
Immunogen:	Peptide with sequence SQLVECVPNFSEGKNQ, from the N Terminus of the protein sequence according to NP_006648.1, NP_996848.1.
Sequence:	SQLVECVPNF SEGKNQ
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_996848.1, NP_006648.1
Cross-Reactivity:	Human, Mouse, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	FTCD
Alternative Name:	FTCD (FTCD Products)
Background:	FTCD, LCHC1, formiminotransferase cyclodeaminase, formimidoyltransferase cyclodeaminase
Gene ID:	10841, 14317
NCBI Accession:	NP_006648

Application Details

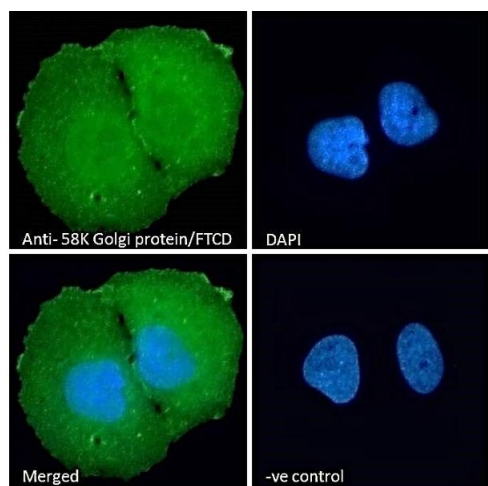
Application Notes:	Western Blot: Approx 58-60 kDa band observed in Human Liver lysates and in lysates of cell line HepG2 (calculated MW of 58.9 kDa according to NP_006648.1). Recommended concentration: 0.05-0.1 µg/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:64000.
Comment:	Immunofluorescence: Strong expression of the protein seen in HeLa and HepG2 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

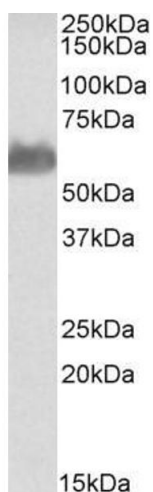
Product cited in: Hagiwara, Tajika, Matsuzaki, Suzuki, Aoki, Takata: "Localization of Golgi 58K protein (formiminotransferase cyclodeaminase) to the centrosome." in: **Histochemistry and cell biology**, Vol. 126, Issue 2, pp. 251-9, (2006) ([PubMed](#)).

Images



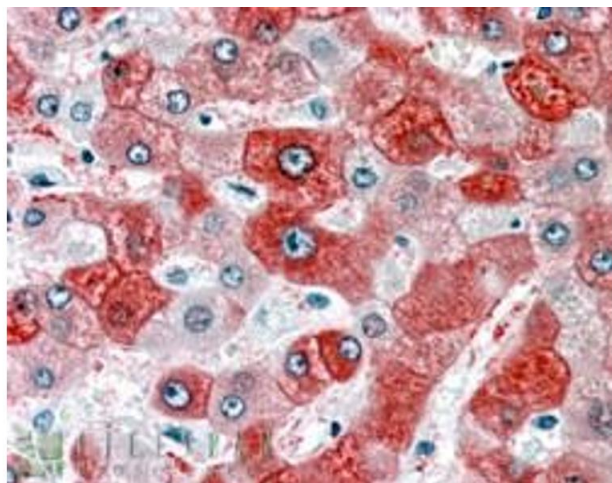
Immunofluorescence

Image 1. (ABIN185267) Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing cytoplasmic and plasma membrane staining. The nuclei



Western Blotting

Image 2. ABIN185267 (0.05ug/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN185267 (3.8µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.

Images

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN185267.