SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0160-200	600 µg

Anti-FTCD

Source: Goat

General description: Goat polyclonal to formimidoyltransferase cyclodeaminase (FTCD) - Golgi complex marker. This protein is a bifunctional enzyme that plays important roles in coupling histidine catabolism with folate metabolism. It binds and promotes bundling of vimentin filaments originating from the Golgi. Diseases such as glutamate formiminotransferase deficiency and autoimmune hepatitis have been associated to this enzyme.

Alternative names: 58K Golgi protein, Formimidoyltransferase Cyclodeaminase, LCHC antibody.

Form: Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 50 aa to the N-terminus of human FTCD produced in E. coli.

Specificity: Detects a band of 55-60 kDa by Western blot in the following canine, human, monkey, mouse, rat whole cell lysates.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	+++	+++	+++	ND
Rat	+++	+++	+++	+++	ND
Mouse	+++	+++	+++	+++	ND
Canine	+++	+++	+++	+++	ND
Monkey	+++	+++	+++	+++	ND

+++ excellent, ++ good, + poor, ND not determined

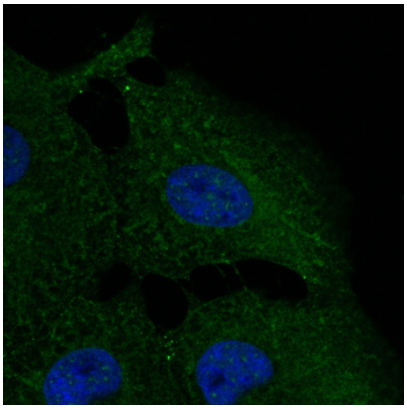
Usage:

WB: 1:500-1:2,000

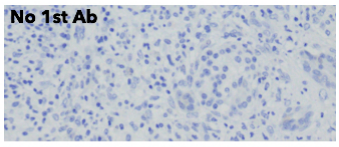
IF:	1:25-1:250
IHC (F):	1:250-1:1,000
IHC (P):	1:250-1:1,000

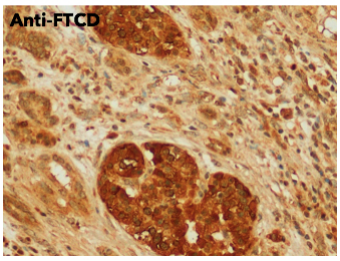
Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use..

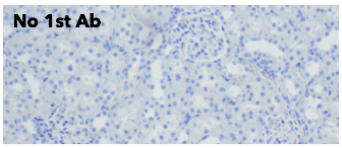


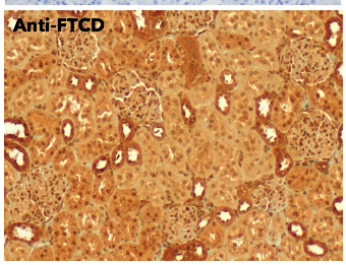
Immunofluorescence – anti-FTCD Ab at 1/100 dilution in NHI/3T3 cells; cells were fixed with methanol and permeabilized with 0.1% saponin;



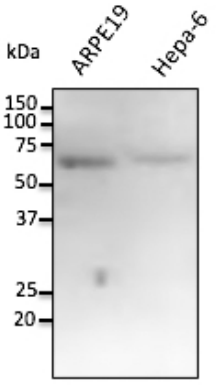


IHC of human pancreas using anti-FTCD antibody and FFPE tissue after heat-induced antigen retrieval. Anti-FTCD Ab at 1:750/DAB detection;

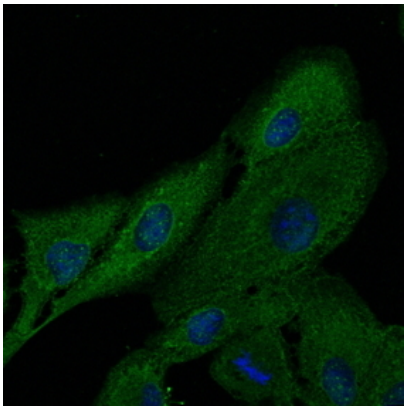




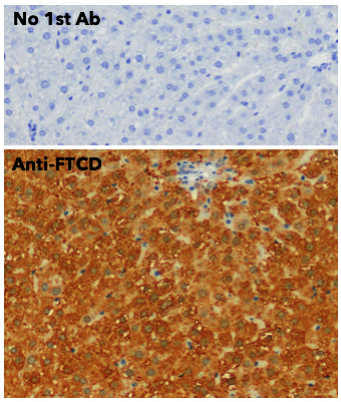
IHC of mouse kidney using anti-FTCD antibody and FFPE tissue after heat-induced antigen retrieval. Anti-FTCD Ab at 1:750/DAB detection;



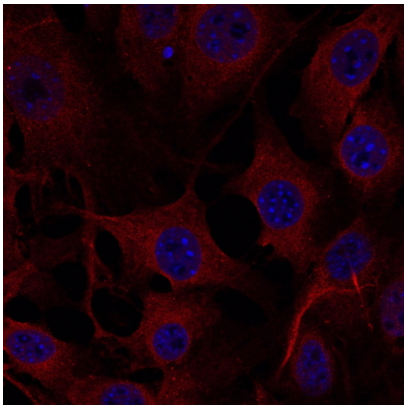
Anti-FTCD Ab at 1/1,000 dilution; lysates at 100µg per lane; Rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



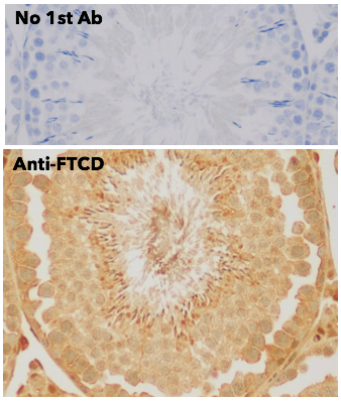
Immunofluorescence – anti-FTCD Ab at 1/100 dilution in NHI/3T3 cells; cells were fixed with methanol and permeabilized with 0.1% saponin;



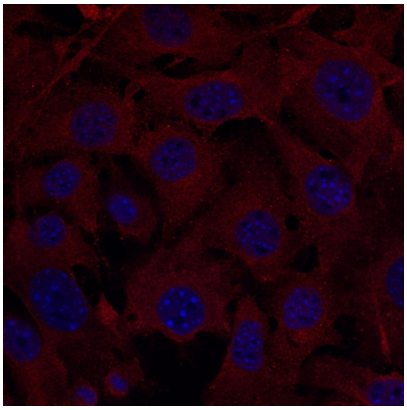
IHC of mouse liver using anti-FTCD antibody and FFPE tissue after heat-induced antigen retrieval. Anti-FTCD Ab at 1:750/DAB detection;



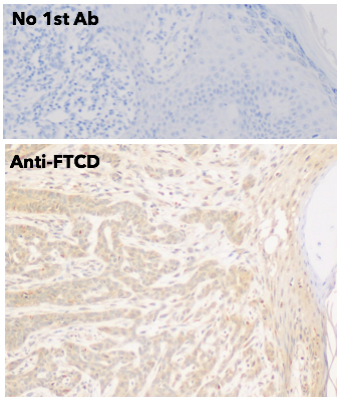
Immunofluorescence – anti-FTCD Ab at 1/100 dilution; cells were fixed with methanol and permeabilized with 0.1% saponin;



IHC of mouse testis using anti-FTCD antibody and FFPE tissue after heat-induced antigen retrieval. Anti-FTCD Ab at 1:750/DAB detection;



Immunofluorescence – anti-FTCD Ab at 1/100 dilution; cells were fixed with methanol and permeabilized with 0.1% saponin;



IHC of human skin using anti-FTCD antibody and FFPE tissue after heat-induced antigen retrieval. Anti-FTCD Ab at 1:750/DAB detection;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.