

**Catalogue No.** AB0160-200

**Qty:** 600 µg (3 mg/ml)

## FTCD Polyclonal Antibody

**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:** 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 against human, rat, mouse, canine and monkey proteins.

| Sample | Western blot | Immuno-fluorescence | Histochemistry (paraffin) | Histochemistry (frozen) |
|--------|--------------|---------------------|---------------------------|-------------------------|
| human  | +++          | +++                 | ND                        | ND                      |
| rat    | +++          | +++                 | ND                        | ND                      |
| mouse  | +++          | +++                 | ND                        | ND                      |
| canine | +++          | +++                 | ND                        | ND                      |
| monkey | +++          | +++                 | ND                        | ND                      |

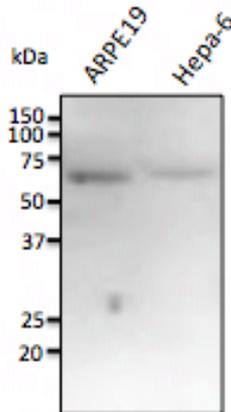
+++ excellent, ++ good, + poor, ND not determined

**Usage:** Western blot 1:500-1:2,000  
 Immunofluorescence 1:25-1:250  
 Immunohistochemistry (paraffin) ND  
 Immunohistochemistry (frozen) ND

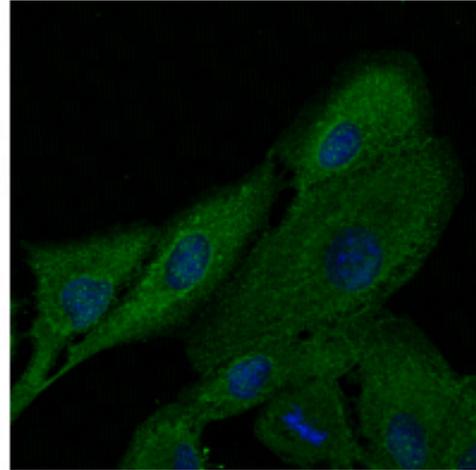
**Storage:** Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

**Special instructions:** Avoid freeze/thaw cycles.

### References:



Anti-FTCD Ab at 1/1,000 dilution; lysates at 100 µg 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;

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.