

For Research Use Only

ICT1 Polyclonal antibody

Catalog Number: 10403-1-AP

7 Publications



Basic Information

Catalog Number:

10403-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0647

GenBank Accession Number:

BC015335

GeneID (NCBI):

3396

UNIPROT ID:

Q14197

Full Name:

immature colon carcinoma transcript

1

Calculated MW:

24 kDa

Observed MW:

21-24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : A2780 cells, SKOV-3 cells

IP : SKOV-3 cells,

IF/ICC : HeLa cells,

Background Information

The adult colon epithelium contains 3 differentiated cell types that arise from a multipotent stem cell. Deviation from the normal maturation pathway by neoplastic transformation is thought to initiate in stem cells or their early descendants. One potential marker is immature colon carcinoma transcript 1 (ICT1, synonym: DS-1) whose mRNA and protein were more highly expressed in undifferentiated than differentiated cells. This antibody is a rabbit polyclonal antibody raised against a full-length human ICT1 protein.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------------|-----------|-------------------|-------------|
| Agata Rozanska | 28512204 | Biochem J | WB |
| Ilaria Dalla Rosa | 24948607 | Nucleic Acids Res | WB |
| Aurelio Reyes | 32735630 | PLoS Genet | WB |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

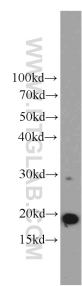
T: 4006900926

E: Proteintech-CN@ptglab.com

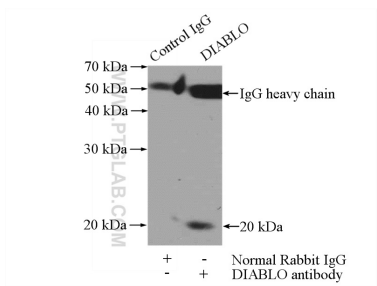
W: ptgcn.com

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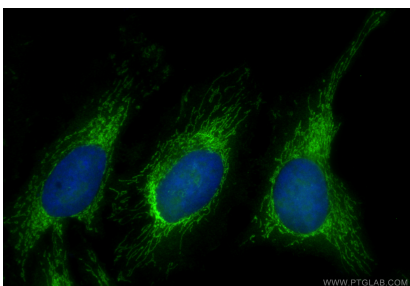
Selected Validation Data



A2780 cells were subjected to SDS PAGE followed by western blot with 10403-1-AP (ICT1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-ICT1 (IP:10403-1-AP, 4ug; Detection:10403-1-AP 1:300) with SKOV-3 cells lysate 2000ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using ICT1 antibody (10403-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).