

For Research Use Only

# ICT1 Polyclonal antibody

Catalog Number: 10403-1-AP

7 Publications



## Basic Information

### Catalog Number:

10403-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0647

### GenBank Accession Number:

BC015335

### GeneID (NCBI):

3396

### UNIPROT ID:

Q14197

### Full Name:

immature colon carcinoma transcript

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### 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

\*\*\* 20ul sizes contain 0.1% BSA

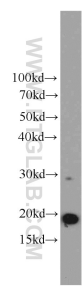
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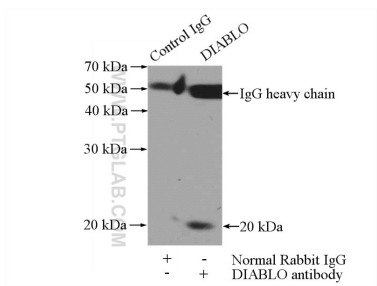
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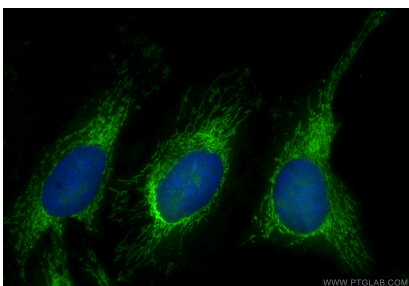
Selected Validation Data



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).