

For Research Use Only

ICT1 Polyclonal antibody

Catalog Number: 10403-1-AP **7 Publications**



Basic Information

| | | |
|--|--|--|
| Catalog Number: 10403-1-AP | GenBank Accession Number: BC015335 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 3396 | Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB |
| Source: Rabbit | Full Name: immature colon carcinoma transcript 1 | IF 1:10-1:100 |
| Isotype: IgG | Calculated MW: 24 kDa | |
| Immunogen Catalog Number: AG0647 | Observed MW: 21-24 kDa | |

Applications

| | |
|--|---|
| Tested Applications: IF, IP, WB, ELISA | Positive Controls: WB : A2780 cells, SKOV-3 cells |
| Cited Applications: WB | IP : SKOV-3 cells, |
| Species Specificity: human | IF : HeLa cells, |
| Cited Species: human | |

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 in 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

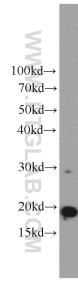
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

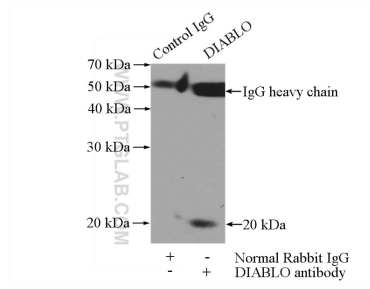
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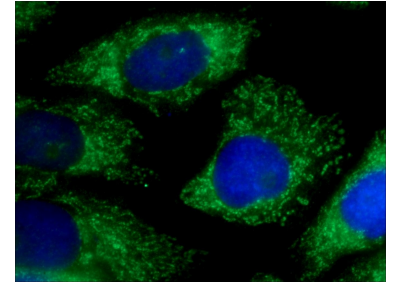
Selected Validation Data



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 HeLa cells using 10403-1-AP (ICT1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).