

For Research Use Only

L1TD1 Polyclonal antibody

Catalog Number: 21528-1-AP



Basic Information

Catalog Number:

21528-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16147

GenBank Accession Number:

BC111559

GeneID (NCBI):

54596

UNIPROT ID:

Q5T7N2

Full Name:

LINE-1 type transposase domain containing 1

Calculated MW:

865 aa, 99 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : NCCIT cells,

IHC : human ovary cancer tissue, human ovary tumor tissue, human placenta tissue

IF/ICC : NCCIT cells,

Background Information

L1TD1 is an RNA-binding protein highly and specifically expressed in pluripotent cells. It is essential for maintaining the pluripotency in human embryonic stem cells (hESCs) and has been considered as a marker for undifferentiated hESCs. L1TD1 is also reported to be highly expressed in medulloblastoma cells and its expression in medulloblastoma correlates with poor clinical outcome.

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:

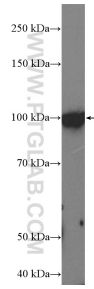
T: 4006900926

E: Proteintech-CN@ptglab.com

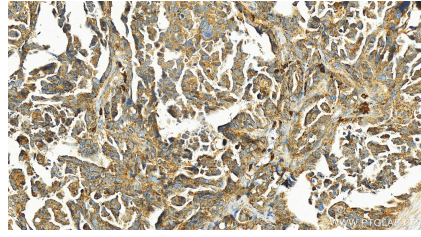
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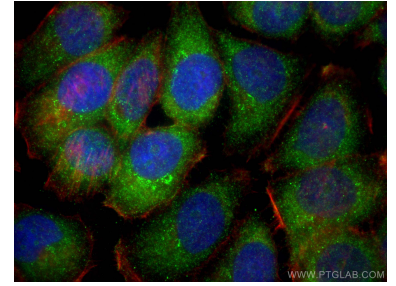
Selected Validation Data



WB result of L1TD1 antibody (21528-1-AP, 1:500) with NCCIT cells.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 21528-1-AP (L1TD1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed NCCIT cells using L1TD1 antibody (21528-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).