

For Research Use Only

L1TD1 Polyclonal antibody

Catalog Number: 21528-1-AP



Basic Information

Catalog Number: 21528-1-AP	GenBank Accession Number: BC111559	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 380 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54596	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: LINE-1 type transposase domain containing 1	
Isotype: IgG	Calculated MW: 865 aa, 99 kDa	
Immunogen Catalog Number: AG16147	Observed MW: 100 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : NCCIT cells, IHC : human placenta tissue, human ovary tumor tissue IF : NCCIT cell,
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	

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

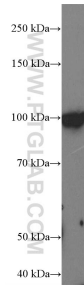
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

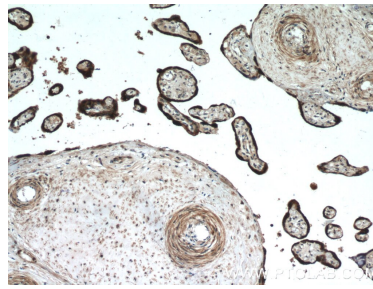
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

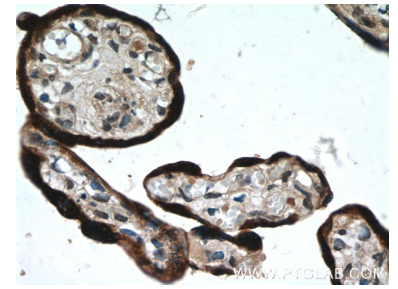
Selected Validation Data



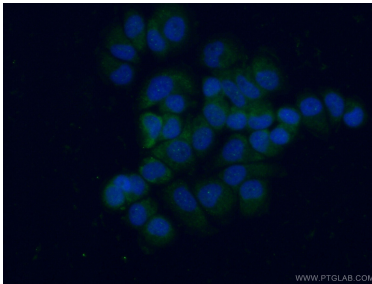
WB result of L1TD1 antibody (21528-1-AP, 1:500) with NCCIT cells.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 21528-1-AP (L1TD1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 21528-1-AP (L1TD1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed NCCIT cell using 21528-1-AP (L1TD1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).