

For Research Use Only

TCP11L2 Recombinant antibody

Catalog Number: 83227-1-RR



Basic Information

Catalog Number:

83227-1-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11185

GenBank Accession Number:

BC033617

GeneID (NCBI):

255394

UNIPROT ID:

Q8N4U5

Full Name:

t-complex 11 (mouse)-like 2

Calculated MW:

519 aa, 58 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

240096F6

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human, canine

Positive Controls:

WB : Jurkat cells, MDCK cells, U251 cells

IF/ICC : U-251 cells,

Background Information

TCP11L2 is a protein containing a serine-rich region in its N-terminal region. It is a member of the TCP11 family, which includes SOK1, TCP11L1, and TCP11L2. TCP11L2 has a role in the migration and differentiation of skeletal muscle-derived satellite cells. It has been shown that Tcp11l2 expression gradually increased during the differentiation of bovine muscle-derived satellite cells. (PMID: 32017087)

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:

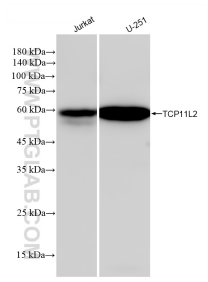
T: 4006900926

E: Proteintech-CN@ptglab.com

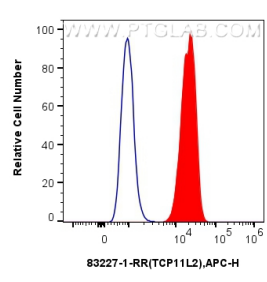
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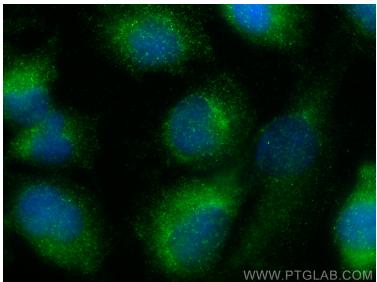
Selected Validation Data



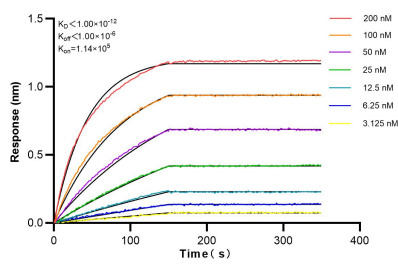
Various lysates were subjected to SDS PAGE followed by western blot with 83227-1-RR (TCP11L2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



1x10⁶ A431 cells were intracellularly stained with 0.25 ug TCP11L2 Recombinant antibody (83227-1-RR, Clone:240096F6) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using TCP11L2 antibody (83227-1-RR, Clone: 240096F6) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Biolayer interferometry (BLI) kinetic assays of 83227-1-RR against Human TCP11L2 were performed. The affinity constant is below 1 pM.