For Research Use Only

CCDC120 Polyclonal antibody

Catalog Number:22041-1-AP Featured Product 2 Publications

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Basic Information

Catalog Number:
22041-1-AP

Size:
150ul , Concentration: 650 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG14319

GenBank Accession Number:
BC008769

GeneID (NCBI):
90060

UNIPROT ID:
Q96HB5

Full Name:
coiled-coil domain containing 120

Calculated MW:
630 aa, 68 kDa

Observed MW:
67-70 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000
IHC 1:20-1:200

Applications

Tested Applications:
WB, IHC, ELISA

Cited Applications:
WB, IP, IF

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

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 : Jurkat cells, mouse liver tissue

IHC : human colon tissue, human placenta tissue

Background Information

CCDC120, also named as JM11, is required for neurite growth. In differentiating neuroblastoma cells, CCDC120 colocalizes with CYTH2 in both neurite shaft and growth cone areas. CCDC120 has some isoforms with MW 67-70 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Tomohiro Torii	25326380	J Biol Chem	WB,IF
Ning Huang	28422092	Nat Commun	IP

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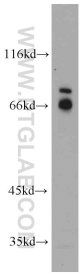
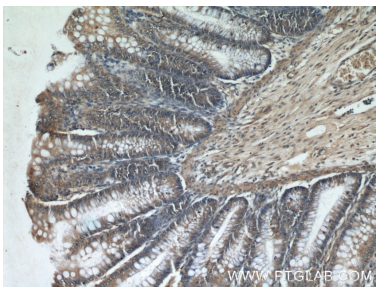
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

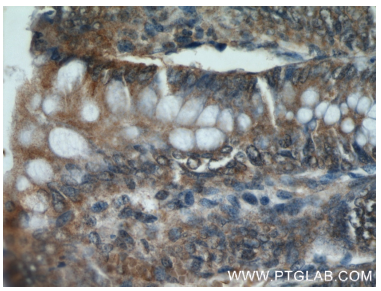
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 22041-1-AP (CCDC120 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon using 22041-1-AP (CCDC120 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon using 22041-1-AP (CCDC120 antibody) at dilution of 1:50 (under 40x lens).