

For Research Use Only

DTX4 Polyclonal antibody

Catalog Number: 25222-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

25222-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18415

GenBank Accession Number:

BC119011

GeneID (NCBI):

23220

UNIPROT ID:

Q9Y2E6

Full Name:

deltex homolog 4 (Drosophila)

Calculated MW:

619 aa, 67 kDa

Observed MW:

67-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat

Positive Controls:

WB : mouse kidney tissue,

IF : mouse embryo tissue, HEK-293 cells

Background Information

DTX4, also named as KIAA0937, RNF155, is a 619 amino acid protein, which belongs to the Deltex family. DTX4 as a regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. DTX4 functions as a ubiquitin ligase protein in vivo, mediating 'Lys48'-linked polyubiquitination and promoting degradation of TBK1, targeting to TBK1 requires interaction with NLRP4.

Notable Publications

Author	Pubmed ID	Journal	Application
Eva Christine Schumacher	29054136	Stem Cells Dev	WB
Zongui Wang	28842252	Biochem Biophys Res Commun	WB,IF
Xin-Yu Ding	31854042	Cancer Sci	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

For technical support and original validation data for this product please contact:

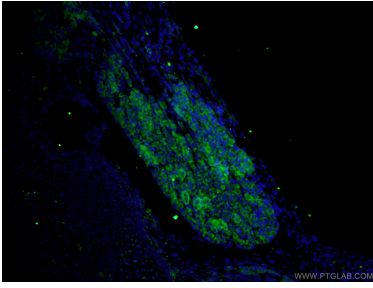
T: 4006900926

E: Proteintech-CN@ptglab.com

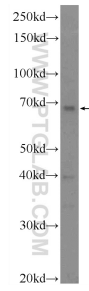
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse embryo tissue using 25222-1-AP (DTX4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 25222-1-AP (DTX4 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.