

For Research Use Only

DTX4 Polyclonal antibody

Catalog Number: 25222-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 25222-1-AP	GenBank Accession Number: BC119011	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 400 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23220	Recommended Dilutions: WB 1:200-1:1000 IF 1:50-1:500
Source: Rabbit	Full Name: deltex homolog 4 (Drosophila)	
Isotype: IgG	Calculated MW: 619 aa, 67 kDa	
Immunogen Catalog Number: AG18415	Observed MW: 67-70 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Cited Applications: IF, WB	WB: mouse kidney tissue,
Species Specificity: human, mouse	IF: mouse embryo tissue, HEK-293 cells
Cited Species: human, mouse, rat	

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
Zonggui Wang	28842252	Biochem Biophys Res Commun	WB, IF
Xin-Yu Ding	31854042	Cancer Sci	WB

Storage

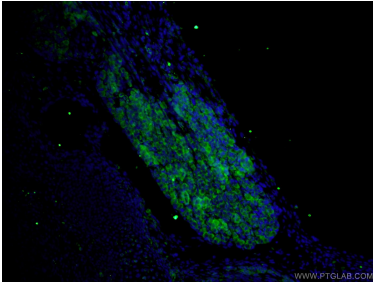
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

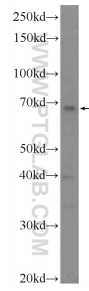
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.