

For Research Use Only

DTX3 Polyclonal antibody

Catalog Number: 25304-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 25304-1-AP	GenBank Accession Number: BC114498	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 550 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 196403	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:20-1:200
Source: Rabbit	Full Name: deltex homolog 3 (Drosophila)	
Isotype: IgG	Calculated MW: 347 aa, 38 kDa	
Immunogen Catalog Number: AG18111	Observed MW: 38 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: mouse kidney tissue, mouse ovary tissue, mouse testis tissue, mouse brain tissue, hTERT-RPE1 cells, rat testis tissue
Species Specificity: human, mouse	IHC: human kidney tissue, human colon tissue
Cited Species: 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

DTX3, also named as Deltex3 or RING finger protein 154, is 347 amino acid protein, which contains one RING-type zinc finger and belongs to the Deltex family. DTX3 is a regulator of Notch signaling, which is involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations.

Notable Publications

Author	Pubmed ID	Journal	Application
Hongli Xu	35098394	Mol Biol Rep	WB
Lidong Wang	33403043	J Cancer	WB

Storage

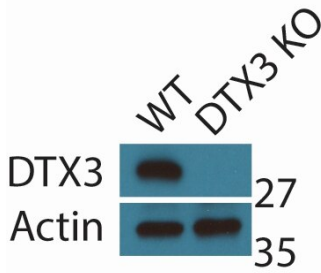
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

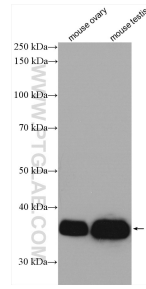
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

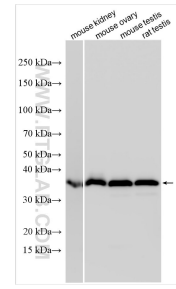
Selected Validation Data



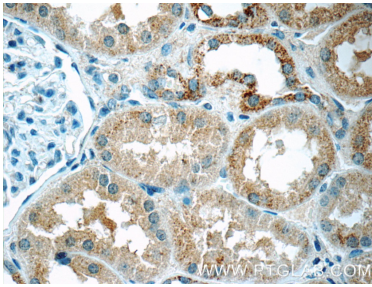
Western blot analysis in wildtype and DTX3 knocked out human hTERT-RPE1 cells with 25304-1-AP (DTX3 antibody). The data provided by an anonymous customer.



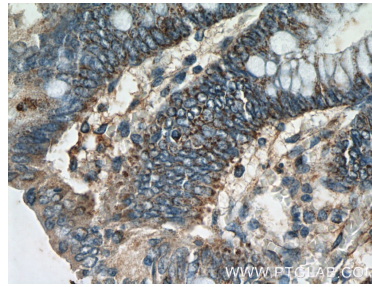
Various lysates were subjected to SDS PAGE followed by western blot with 25304-1-AP (DTX3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 25304-1-AP (DTX3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25304-1-AP (DTX3 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 25304-1-AP (DTX3 Antibody) at dilution of 1:50 (under 40x lens).