

For Research Use Only

DTX3 Polyclonal antibody

Catalog Number: 25304-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

25304-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18111

GenBank Accession Number:

BC114498

GeneID (NCBI):

196403

UNIPROT ID:

Q8N9I9

Full Name:

deltex homolog 3 (Drosophila)

Calculated MW:

347 aa, 38 kDa

Observed MW:

38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

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

Positive Controls:

WB : mouse kidney tissue, mouse ovary tissue, mouse testis tissue, mouse brain tissue, hTERT-RPE1 cells, rat testis tissue

IHC : human kidney tissue, human colon tissue

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

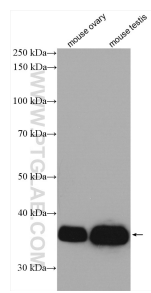
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

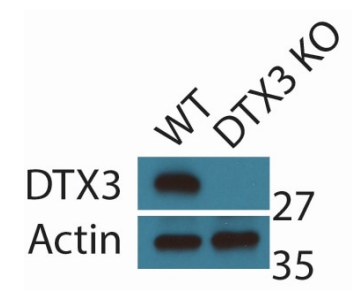
E: proteintech@ptglab.com
W: ptglab.com

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

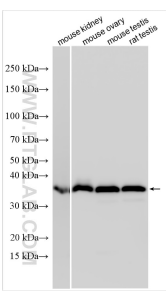
Selected Validation Data



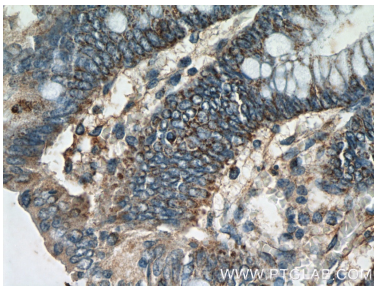
Various lysates were subjected to SDS PAGE followed by western blot with 25304-1-AP (DTX3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



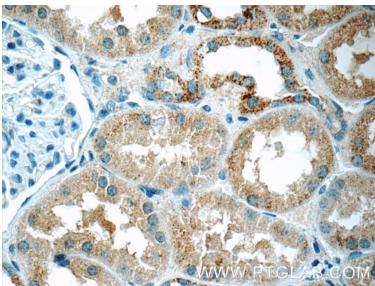
Western blot analysis in wildtype and DTX3 knocked out human hTERT-RPE1 cells with 25304-1-AP (DTX3 antibody). The data provided by an anonymous customer.



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



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



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