

For Research Use Only

TDRKH specific Polyclonal antibody

Catalog Number: 13528-1-AP

Featured Product

18 Publications



Basic Information

Catalog Number:

13528-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4422

GenBank Accession Number:

BC032690

GeneID (NCBI):

11022

UNIPROT ID:

Q9Y2W6

Full Name:

tudor and KH domain containing

Calculated MW:

606 aa, 67 kDa

Observed MW:

67 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, RIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, bovine

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 : NCCIT cell, mouse brain tissue

IP : mouse brain tissue,

IHC : human gliomas tissue,

IF/ICC : HeLa cells,

Background Information

Tudor and KH domain-containing protein(TDRKH)Tudor domains are protein modules that mediate protein-protein interactions, potentially by binding to methylated ligands. Both KH and tudor domains are involved in binding RNA or single-strand DNA. Tudor also is a germ cell-specific protein with multiple Tudor domains and is involved in germ plasm formation and germ cell specification. TDRKH is one Tudor protein with a single Tudor domain.

Notable Publications

Author	Pubmed ID	Journal	Application
Deqiang Ding	29018194	Nat Commun	IF, WB
Odetta Antico	34767452	Sci Adv	WB
Minjie Tan	32486081	Cells	WB,IHC,IF,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

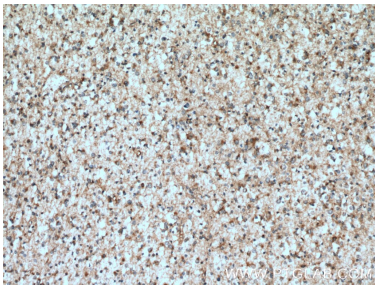
For technical support and original validation data for this product please contact:

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

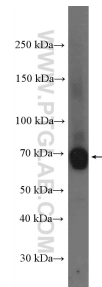
E: proteintech@ptglab.com
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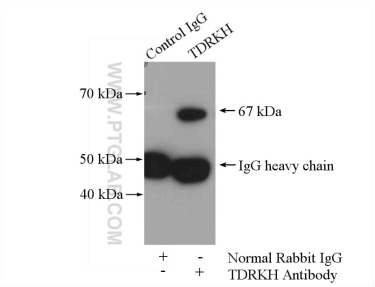
Selected Validation Data



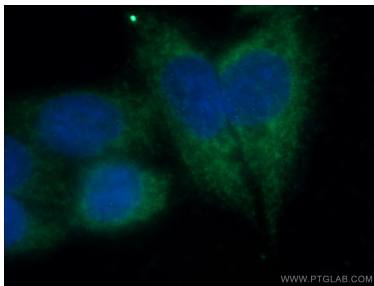
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13528-1-AP (TDRKH specific antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



NCCIT cell were subjected to SDS PAGE followed by western blot with 13528-1-AP (TDRKH specific antibody at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-TDRKH specific (IP:13528-1-AP, 4ug; Detection:13528-1-AP 1:7000) with mouse brain tissue lysate 4000ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 13528-1-AP (TDRKH specific antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).