

For Research Use Only

NT5DC1 Polyclonal antibody

Catalog Number: 24102-1-AP

1 Publications



Basic Information

Catalog Number: 24102-1-AP	GenBank Accession Number: BC015138	Purification Method: Antigen Affinity purified
Concentration: 900 ug/ml	GeneID (NCBI): 221294	Recommended Dilutions: WB: 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q5TFE4	IHC: 1:200-1:800
Isotype: IgG	Full Name: 5'-nucleotidase domain containing 1	IF/ICC: 1:200-1:800
Immunogen Catalog Number: AG20916	Calculated MW: 455 aa, 52 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : MCF7 cells, HepG2 cells, Jurkat cells
Cited Applications: WB, IP, ChIP	IHC : human lung cancer tissue, human thyroid cancer tissue
Species Specificity: human	IF/ICC : HepG2 cells,
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

Notable Publications

Author	Pubmed ID	Journal	Application
Xianchun Lan	35933409	Nat Commun	WB,IP,ChIP

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
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

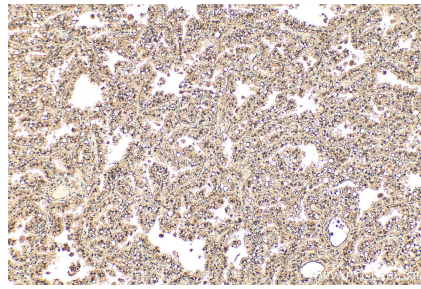
W: ptgcn.com

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

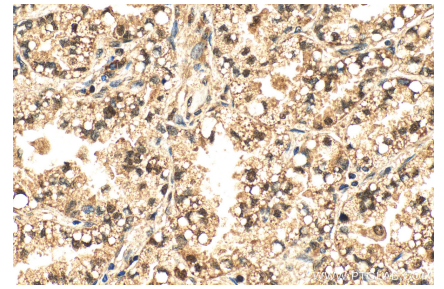
Selected Validation Data



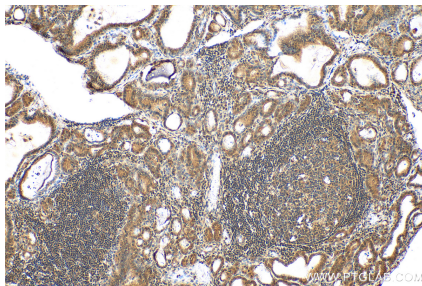
MCF7 cells were subjected to SDS PAGE followed by western blot with 24102-1-AP (NT5DC1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



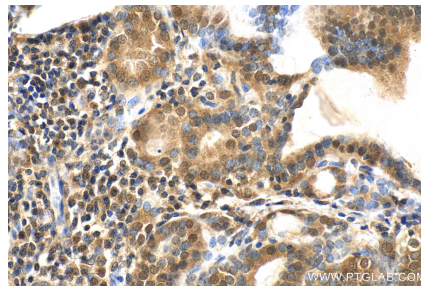
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 24102-1-AP (NT5DC1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



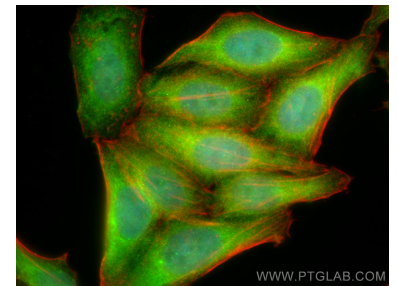
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 24102-1-AP (NT5DC1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 24102-1-AP (NT5DC1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 24102-1-AP (NT5DC1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NT5DC1 antibody (24102-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).