

DYNLT3 Polyclonal antibody

Catalog Number: 11687-1-AP

Basic Information

Catalog Number: 11687-1-AP	GenBank Accession Number: BC000968	Purification Method: Antigen affinity purification
Size: 900 µg/ml	GeneID (NCBI): 6990	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: P51808	IHC 1:50-1:500
Isotype: IgG	Full Name: dynein, light chain, Tctex-type 3	IF 1:50-1:500
Immunogen Catalog Number: AG2299	Calculated MW: 116 aa, 13 kDa	
	Observed MW: 13 kDa	

Applications

Tested Applications: IF/ICC, IHC, WB, ELISA	Positive Controls:
Species Specificity: human	WB : U-937 cells, HeLa cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human ovary tumor tissue,
	IF : HepG2 cells,

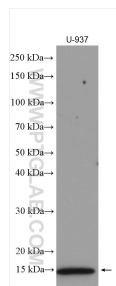
Background Information

Dynein light chain Tctex-type 3 (DYNLT3) is a member of the cytoplasmic dynamic protein light chain Tctex family. DYNLT3 mainly plays a regulatory role in mitosis and meiosis, as well as chromosome binding. DYNLT3 is expressed in all cells and tissues. The calculated molecular weight of DYNLT3 is 13 kDa.

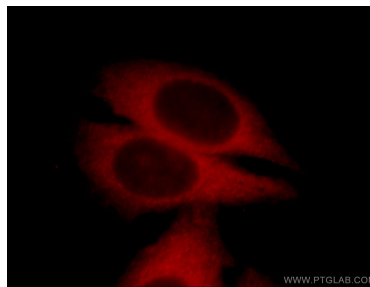
Storage

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

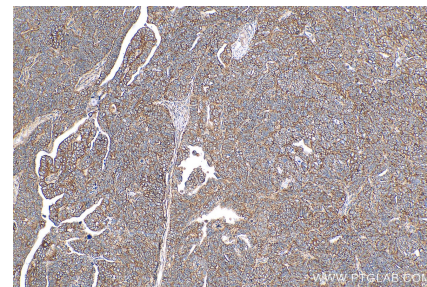
Selected Validation Data



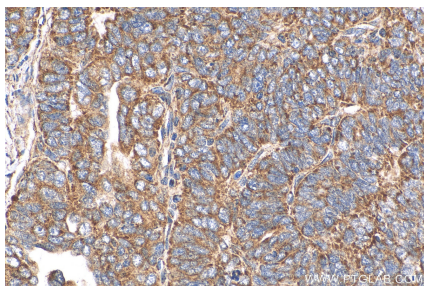
U-937 cells were subjected to SDS PAGE followed by western blot with 11687-1-AP (DYNLT3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using DYNLT3 antibody 11687-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11687-1-AP (DYNLT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11687-1-AP (DYNLT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).