

For Research Use Only

NXF2 Polyclonal antibody

Catalog Number: 12185-1-AP **1 Publications**



Basic Information

Catalog Number: 12185-1-AP	GenBank Accession Number: BC015020	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56001	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB IHC 1:20-1:200
Source: Rabbit	Full Name: nuclear RNA export factor 2	
Isotype: IgG	Calculated MW: 626 aa, 72 kDa	
Immunogen Catalog Number: AG2841	Observed MW: 72 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IF	WB: mouse testis tissue,
Species Specificity: human, mouse, rat	IP: mouse testis tissue,
Cited Species: mouse	IHC: human lymphoma tissue,

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

NXF2, also named as Nuclear RNA export factor 2 or TAPL2, is a 626 amino acid protein, which contains one TAP-C domain, one RRM domain, one NTF2 domain, and four LRR repeats. NXF2 belongs to the NXF family and is expressed almost exclusively in testis. NXF2 localizes in the nucleus and is involved in the export of mRNA from the nucleus to the cytoplasm.

Notable Publications

Author	Pubmed ID	Journal	Application
Yin Yimeng Y	23438076	Biochem J	IF

Storage

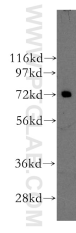
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

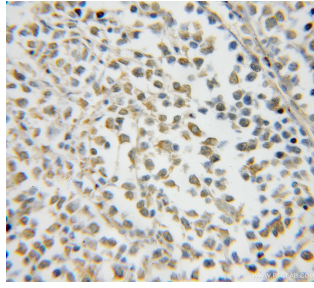
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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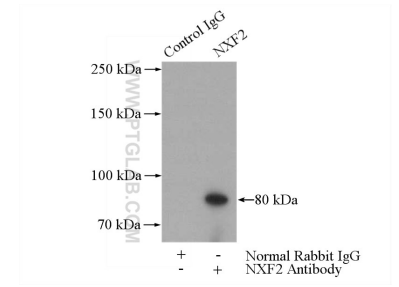
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 12185-1-AP (NXF2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 12185-1-AP (NXF2 antibody) at dilution of 1:50 (under 10x lens).



IP Result of anti-NXF2 (IP:12185-1-AP, 4ug; Detection:12185-1-AP 1:400) with mouse testis tissue lysate 4000ug.