

For Research Use Only

NXF2 Polyclonal antibody

Catalog Number: 12185-1-AP **2 Publications**



Basic Information

Catalog Number: 12185-1-AP	GenBank Accession Number: BC015020	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 ug/ml by Nanodrop and 133 ug/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 1.0-3.0 mg of total protein lysate IHC: 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9GZYO	
Isotype: IgG	Full Name: nuclear RNA export factor 2	
Immunogen Catalog Number: AG2841	Calculated MW: 626 aa, 72 kDa	
	Observed MW: 72 kDa	

Applications

Tested Applications: WB, IP, IHC, ELISA	Positive Controls: WB : mouse testis tissue, IP : mouse testis tissue, IHC : human lymphoma tissue,
Cited Applications: IF	
Species Specificity: human, mouse, rat	
Cited Species: mouse	
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
Lydia M Castelli	36857431	Sci Transl Med	
Yin Yimeng Y	23438076	Biochem J	IF

Storage

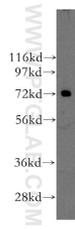
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

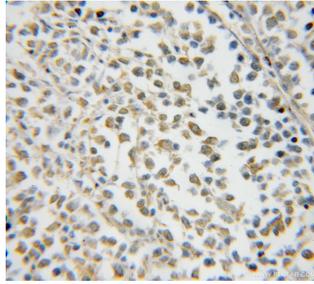
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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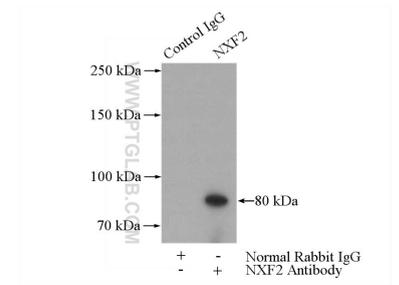
Selected Validation Data



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.