

For Research Use Only

# NXF2 Polyclonal antibody

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



## Basic Information

**Catalog Number:**

12185-1-AP

**Size:**

200 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2841

**GenBank Accession Number:**

BC015020

**GeneID (NCBI):**

56001

**UNIPROT ID:**

Q9GZY0

**Full Name:**

nuclear RNA export factor 2

**Calculated MW:**

626 aa, 72 kDa

**Observed MW:**

72 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

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

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**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**

**Positive Controls:**

WB : mouse testis tissue,

IP : mouse testis tissue,

IHC : human lymphoma tissue,

## 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

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

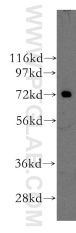
T: 4006900926

E: Proteintech-CN@ptglab.com

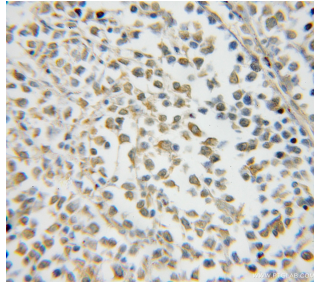
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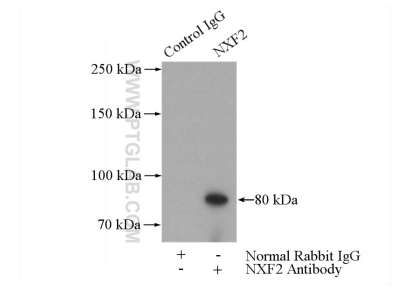
## Selected Validation Data



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.