

**NUP88 Rabbit pAb**  
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**Catalog # AP93955**

**Specification**

**NUP88 Rabbit pAb - Product Information**

Application	WB, IHC-P, IHC-F, IF
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NUP88
Epitope Specificity	551-650/741
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus, nuclear pore complex.
SUBUNIT	Interacts with NUP214/CAN.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

NUP88 is a nucleoporin that is an essential component of the nuclear pore complex. It interacts with NUP214/CAN, and is phosphorylated following DNA damage, possibly via the ATM/ATR pathway. NUP88 is also a tumour marker as it is overexpressed in a large number of malignant neoplasms and precancerous dysplasias.

**NUP88 Rabbit pAb - Additional Information**

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span>

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

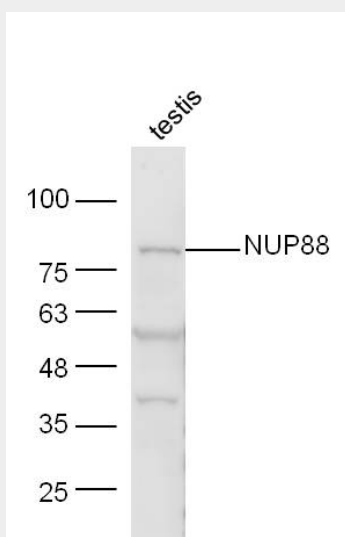
**NUP88 Rabbit pAb - Protein Information**

## NUP88 Rabbit pAb - Protocols

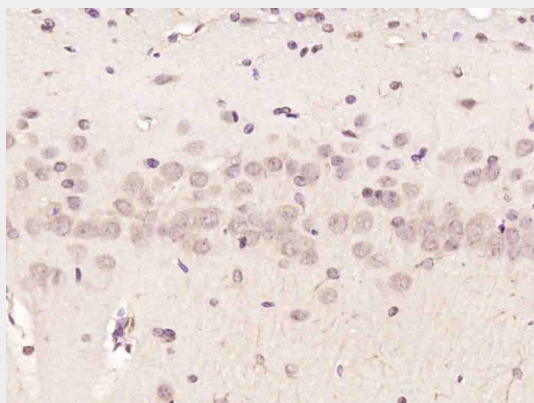
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

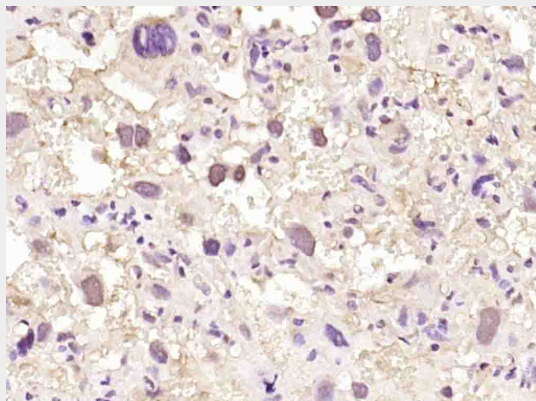
## NUP88 Rabbit pAb - Images



Sample: testis (Mouse) Lysate at 40 ug Primary: Anti-NUP88 (AP93955) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 85 kD  
Observed band size: 85 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NUP88) Polyclonal Antibody, Unconjugated (AP93955) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NUP88) Polyclonal Antibody, Unconjugated (AP93955) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

#### **NUP88 Rabbit pAb - Background**

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