

# NUP88 Rabbit pAb

NUP88 Rabbit pAb  
Catalog # AP93955

## Product Information

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

## Additional Information

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<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	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.

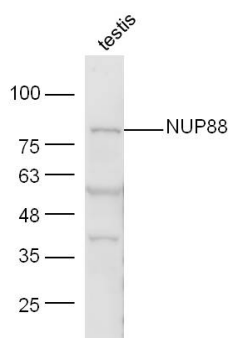
## Background

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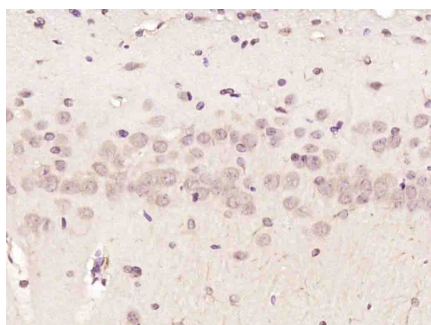
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## Images

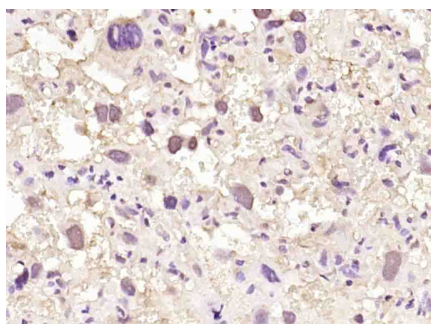
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Sample: testis (Mouse) Lysate at 40 ug Primary:  
Anti-NUP88 (AP93955) at 1/300 dilution Secondary:  
IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 85 kD Observed band size: 85 kD



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.