



Rabbit Anti-NUP88 antibody

SL10782R

Product Name:	NUP88
Chinese Name:	核孔复合体蛋白88抗体
Alias:	karyopodin; Nuclear pore complex protein 88; Nuclear pore complex protein88; Nucleoporin 88; Nucleoporin 88 kDa; Nucleoporin 88kDa; Nucleoporin88; Nucleoporin88kDa; Nup 84; NUP 88; Nup84; Prei 2; Prei2; Preimplantation protein 2; Preimplantation protein2; NUP88 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	85kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NUP88:551-650/741
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Function:

Essential component of nuclear pore complex.

Subunit:

Interacts with NUP214/CAN.

Subcellular Location:

Nucleus, nuclear pore complex.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

SWISS:

Q99567

Gene ID:

4927

Database links:

[Entrez Gene: 4927](#)Human

[Entrez Gene: 19069](#)Mouse

[Entrez Gene: 113929](#)Rat

[Omim: 602552](#)Human

[SwissProt: Q99567](#)Human

[SwissProt: Q8CEC0](#)Mouse

[SwissProt: O08658](#)Rat

[Unigene: 584784](#)Human

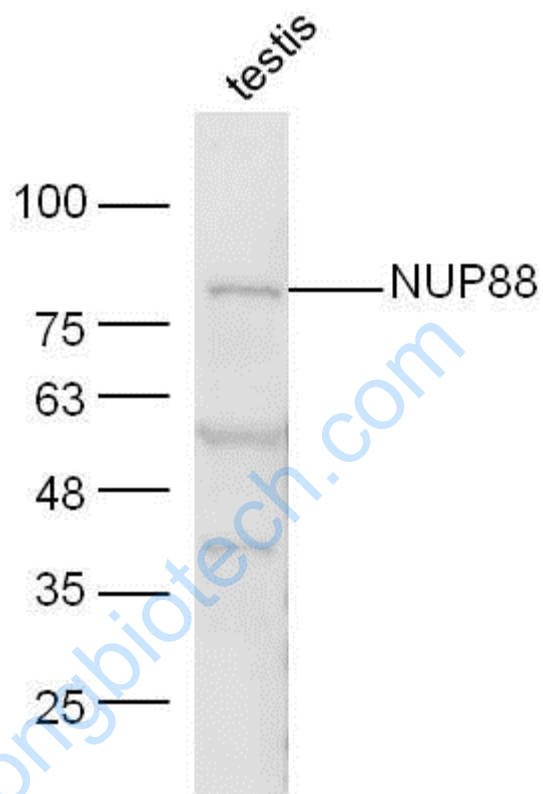
[Unigene: 288962](#)Mouse

[Unigene: 11042](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

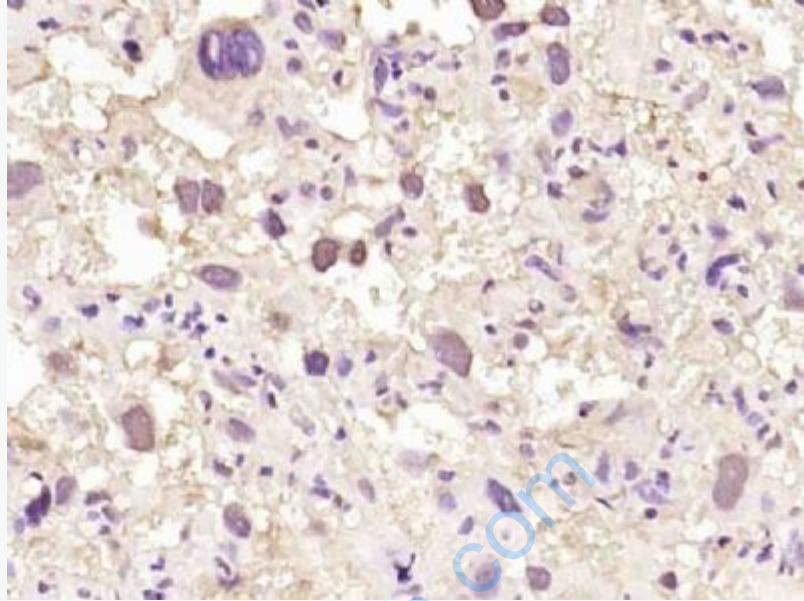
testis (Mouse) Lysate at 40 ug

Primary: Anti-NUP88 (SL10782R) at 1/300 dilution

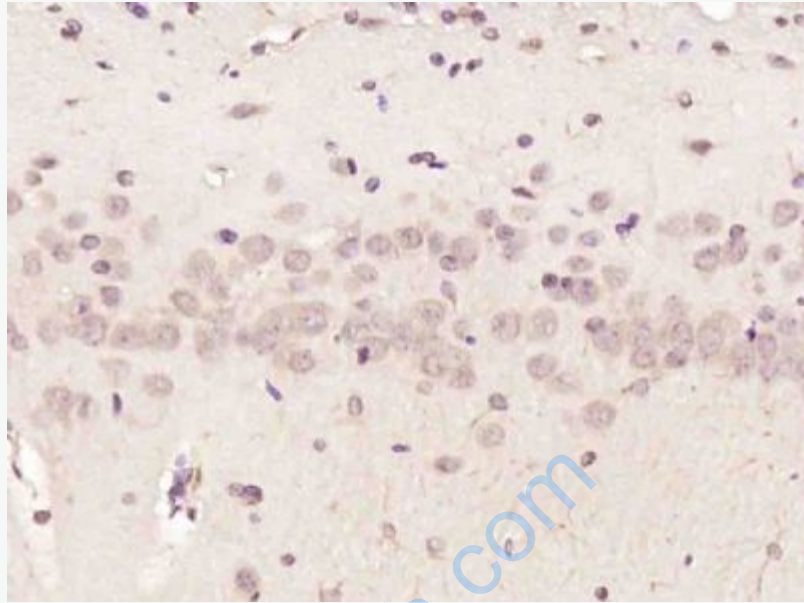
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 85 kD

Observed band size: 85 kD



Paraformaldehyde-fixed, paraffin embedded (rat 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 (SL10782R) 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 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 (SL10782R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.