



Rabbit Anti-NSBP1 antibody

SL0700R

Product Name:	NSBP1
Chinese Name:	核小体Binding protein1 抗体
Alias:	Nucleosome-binding protein 1; Nucleosome-binding protein 45; NBP-45; GARP45 protein; HMGN5 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	32kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NSBP1:201-282/282
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:	NSBP1 binds specifically to nuclear core particles and acts as a transcriptional activator. [Subcellular Location] Nucleus. [Tissue Specificity] Widely expressed with highest levels in submaxillary gland, thymus, kidney and liver and lowest levels in brain, lung, pancreas and eye. [Developmental Stage] Highest levels are found in 7-day-old embryos. Levels in the 7-day-old embryo are 4-fold higher than in the adult and almost 10-fold higher than in later embryonic stages. [SIMILARITY] Belongs to the HMGN

family.

Function:

Preferentially binds to euchromatin and modulates cellular transcription by counteracting linker histone-mediated chromatin compaction (By similarity).

Subcellular Location:

Nucleus. Note=Associates with nucleosomes in euchromatin and is largely excluded from constitutive heterochromatin (By similarity).

Tissue Specificity:

Ubiquitously expressed.

Similarity:

Belongs to the HMGN family.

SWISS:

P82970

Gene ID:

79366

Database links:

[Entrez Gene: 79366](#)Human

[Oimim: 300385](#)Human

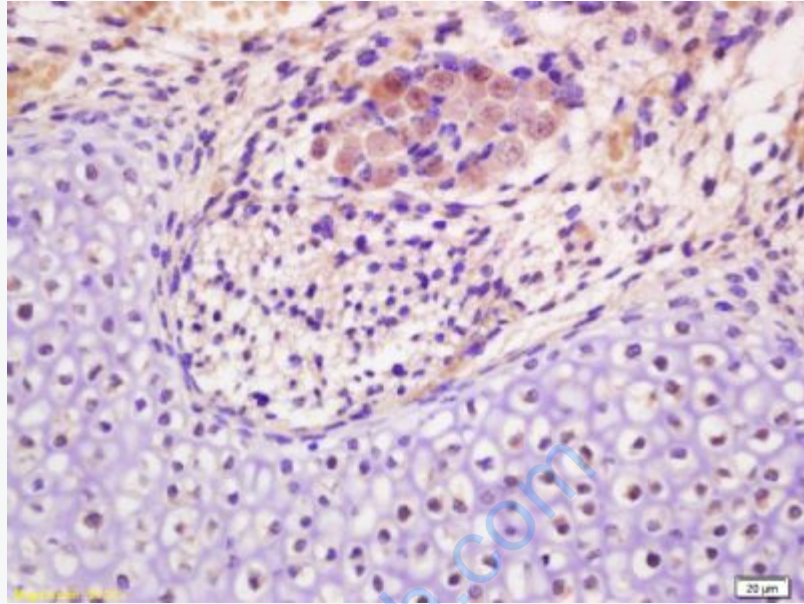
[SwissProt: P82970](#)Human

[Unigene: 282204](#)Human

Important Note:

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

NSBP-1主要用于前列腺疾病方面的研究。



Picture:

Tissue/cell: mouse embryo tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-NSBP1 Polyclonal Antibody, Unconjugated(SL0700R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining