

NSBP1 Rabbit pAb

Catalog # AP98210

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P82970
Other Accession	P82970
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31525
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NSBP1
Epitope Specificity	201-282/282
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the HMGN family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	79366
Other Names	NBP-45; NSBP1; HMGN5_HUMAN; HMGN5; Nucleosome-binding protein 1; high mobility group nucleosome binding domain 5; nucleosomal binding protein 1; high-mobility group nucleosome binding domain 5
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

Protein Information

Name	HMGN5
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Synonyms	NSBP1
Function	Preferentially binds to euchromatin and modulates cellular transcription by counteracting linker histone-mediated chromatin compaction.
Cellular Location	Nucleus. Note=Associates with nucleosomes in euchromatin and is largely excluded from constitutive heterochromatin.
Tissue Location	Ubiquitously expressed.

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