

Goat Anti-HMG20A Antibody
Peptide-affinity purified goat antibody
Catalog # AF1531a

Specification

Goat Anti-HMG20A Antibody - Product Information

Application	IHC
Primary Accession	Q9NP66
Other Accession	NP_060670 , 10363 , 66867 (mouse)
Reactivity	Human, Rat
Predicted	Mouse, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	40144

Goat Anti-HMG20A Antibody - Additional Information

Gene ID 10363

Other Names

High mobility group protein 20A, HMG box-containing protein 20A, HMG domain-containing protein 1, HMG domain-containing protein HMGX1, HMG20A, HMGX1, HMGXB1

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-HMG20A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-HMG20A Antibody - Protein Information

Name HMG20A

Synonyms HMGX1, HMGXB1

Function

Plays a role in neuronal differentiation as chromatin- associated protein. Acts as inhibitor of HMG20B. Overcomes the repressive effects of the neuronal silencer REST and induces the activation of neuronal-specific genes. Involved in the recruitment of the histone methyltransferase

KMT2A/MLL1 and consequent increased methylation of histone H3 lysine 4 (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267}.

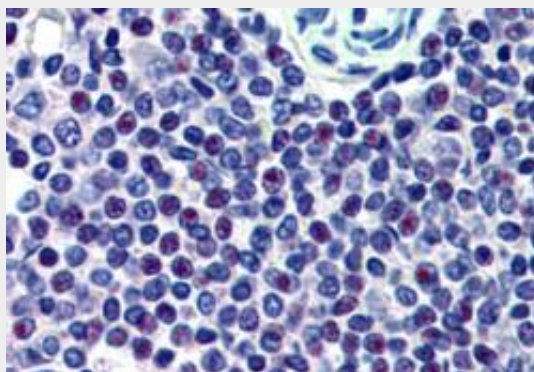
Tissue Location

Ubiquitous..

Goat Anti-HMG20A Antibody - 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](#)

Goat Anti-HMG20A Antibody - Images

AF1531a (2.5 µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-HMG20A Antibody - References

Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.

Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

Functional proteomics mapping of a human signaling pathway. Colland F, et al. Genome Res, 2004 Jul. PMID 15231748.

Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.