

HMG20A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56930

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9NP66
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40144
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HMG20A
Epitope Specificity	201-300/347
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Contains 1 HMG box DNA-binding domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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
Target/Specificity	Ubiquitous.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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	HMG20A
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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..

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