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HMG20A antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10415

Product Information

Application	WB
Primary Accession	Q9NP66
Other Accession	NM_018200, NP_060670
Reactivity	Human, Mouse, Rat, Dog, Bovine
Predicted	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40144

Additional Information

Gene ID	10363
Alias Symbol	FLJ10739, HMGX1, HMGXB1
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	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-HMG20A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	HMG20A antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

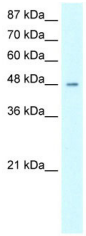
Name	HMG20A
Synonyms	HMGX1, HMGXB1
Function	Plays a role in neuronal differentiation as chromatin- associated protein. Acts as inhibitor of HMG20B. Overcomes the repressive effects of the neuronal silencer REST and induces the activation of neuronal-specific genes. Involved in the recruitment of the 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..

References

Rual,J.F., et al., (2005) Nature 437 (7062), 1173-1178Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-HMG2A Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:3125
Positive Control: 293T cell lysate

HMG2A is supported by BioGPS gene expression data to be expressed in HEK293T