

ARG63441 anti-HMG20A antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes HMG20A
Tested Reactivity	Hu, Rat
Predict Reactivity	Ms, Cow, Dog, Pig
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HMG20A
Species	Human
Immunogen	C-ATVREVVNRLDR
Conjugation	Un-conjugated
Alternate Names	HMGXB1; High mobility group protein 20A; HMGX1; HMG box-containing protein 20A; HMG domain-containing protein 1; HMG domain-containing protein HMGX1

Application Instructions

Application table	Application	Dilution
	IHC-P	1 - 2 µg/ml
	WB	Assay - dependent
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

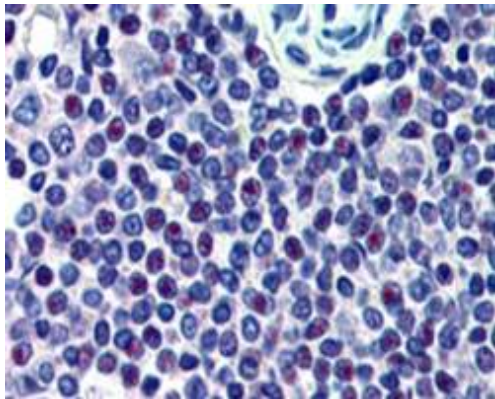
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 10363 Human Swiss-port # Q9NP66 Human
Gene Symbol	HMG20A
Gene Full Name	high mobility group 20A
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). [UniProt]
Research Area	Gene Regulation antibody
Calculated Mw	40 kDa

Images



ARG63441 anti-HMG20A antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Spleen. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63441 anti-HMG20A antibody at 2.5 µg/ml dilution followed by AP-staining.