

Datasheet for ABIN184818

anti-HMG20A antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	HMG20A
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HMG20A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	HMG20A
Immunogen:	Peptide with sequence C-ATVREVVNRLDR, from the C Terminus of the protein sequence according to NP_060670.1.
Sequence:	ATVREVVNRL DR
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	HMG20A
Alternative Name:	HMG20A (HMG20A Products)
Background:	HMG20A, high-mobility group 20A, FLJ10739, HMGX1, HMGXB1, HMG box domain containing 1
Gene ID:	10363, 66867
NCBI Accession:	NP_060670

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Spleen shows staining of nucleoli. Recommended concentration: 1-2 µg/mL. Western Blot: This antibody has been successfully used in Rat Brain as described in the following paper: Artegiani et al, J Biol Chem. 2010 Aug 6,285(32):24740-50., PMID: 20530487. Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Restrictions:	For Research Use only

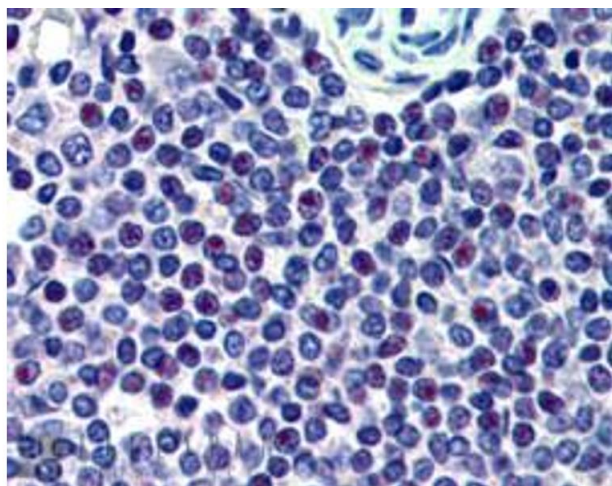
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in: Artegiani, Labbaye, Sferra, Quaranta, Torrerì, Macchia, Ceccarini, Petrucci, Macioce: "The interaction with HMG20a/b proteins suggests a potential role for beta-dystrobrevin in neuronal differentiation." in: **The Journal of biological chemistry**, Vol. 285, Issue 32, pp. 24740-50, (2010) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. ABIN184818 (2.5µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.