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Overview

Quantity:	100 μL
Target:	HMGN1
Binding Specificity:	AA 36-85
Reactivity:	Human, Mouse, Rat, Cow, Horse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffinembedded Sections) (IHC (p))

Product Details

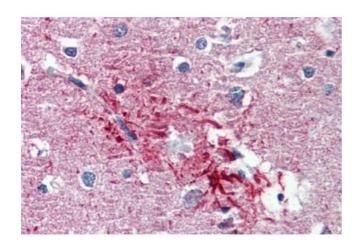
Brand:	IHC-plus [™]
Immunogen:	Synthetic peptide located between aa36-85 of human HMGN1 (P05114, NP_004956). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Baboon, Monkey, Bovine, Horse, Armadillo (100%), Gibbon, Rabbit (92%), Opossum (91%), Platypus (86%), Marmoset, Pig (85%), Rat (84%), Mouse (76%).
	Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human HMGN1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Bovine (100%) Rabbit (92%) Rat (84%).

Product Details	
Purification:	Immunoaffinity purified
Target Details	
Target:	HMGN1
Alternative Name:	HMGN1 (HMGN1 Products)
Background:	Name/Gene ID: HMGN1
	Synonyms: HMGN1, HMG14
Gene ID:	3150
NCBI Accession:	NP_004956
UniProt:	P05114
Pathways:	Chromatin Binding
Application Details	
Application Notes:	Approved: IHC, IHC-P (5 μg/mL), WB (0.2 - 1 μg/mL)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 μ g/mL. Western Blot: Suggested dilution at 1 μ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody. ELISA titer in peptide based assay: 1:312500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Distilled water

Handling

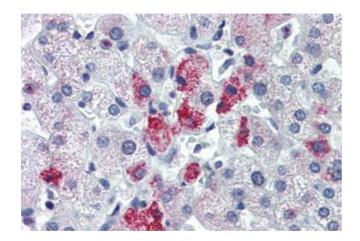
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



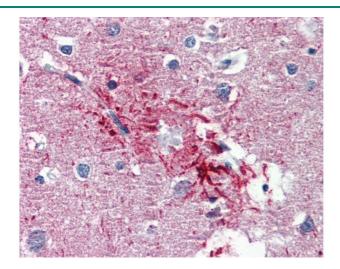
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cortex, Senile Plaque (formalinfixed, paraffin-embedded) stained with HMGN1 antibody ABIN462182 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Liver (formalin-fixed, paraffin-embedded) stained with HMGN1 antibody ABIN462182 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-HMGN1 antibody IHC of human brain, cortex, senile plaque. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of t ...