

HMG14 Antibody | anti-HMG14 antibody

HMG14 (Phospho-Ser21) Antibody

CATALOG # AAA111458	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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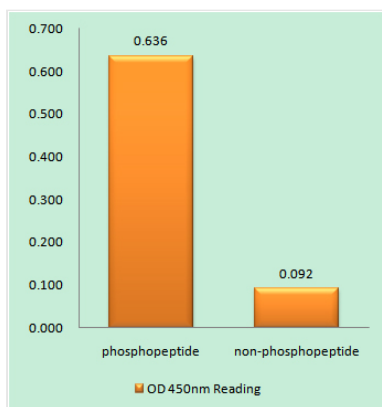
PRODUCT SYNONYMS

HMG14; HMG14 (Phospho-Ser21) Antibody; High-mobility group nucleosome binding domain 1; Nonhistone chromosomal protein HMG-14; anti-HMG14 antibody

PRODUCT SPECIFICATIONS

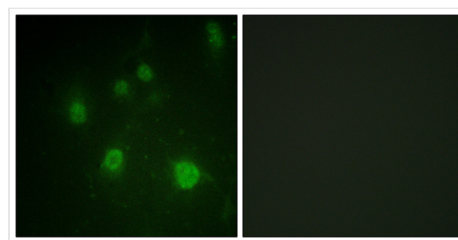
Reactivity	Human, Mouse, Rat
Specificity	HMG14 (Phospho-Ser21) antibody detects endogenous levels of HMG14 only when phosphorylated at serine 21.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	100
Applicable Applications for anti-HMG14 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HMG14 around the phosphorylation site of serine 21 (R-R-SP-A-R).
All Sites	Human: Ser21 Mouse: Ser20 Rat: Ser21
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



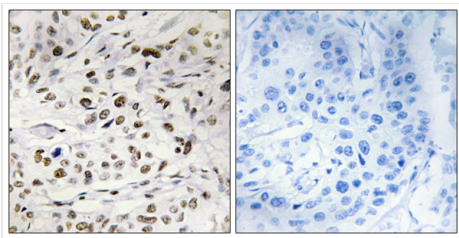
Application Data

HMG14 (Phospho-Ser21) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using HMG14 (Phospho-Ser21) antibody. Immunofluorescence analysis of COS7 cells, using HMG14 (Phospho-Ser21) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-HMG14 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Mihael H. Polymeropoulos. Nucleic Acids Res., Jul 1991; 19: 3753. LJ Arwood. J. Biol. Chem., Jun 1990; 265: 9771-9777. Thomas Hildmann. Genome Res., Apr 1999; 9: 360-372.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48255933
NCBI GeneID	3150
NCBI Accession #	NP_004956.5
NCBI GenBank Nucleotide #	NM_004965.6
UniProt Accession #	P05114; Q3KQR8
Molecular Weight	10,659 Da
NCBI Official Full Name	non-histone chromosomal protein HMG-14
NCBI Official Synonym Full Names	high mobility group nucleosome binding domain 1
NCBI Official Symbol	HMGN1
NCBI Official Synonym Symbols	HMG14
NCBI Protein Information	non-histone chromosomal protein HMG-14
UniProt Protein Name	Non-histone chromosomal protein HMG-14
UniProt Gene Name	HMGN1
UniProt Synonym Gene Names	HMG14

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/hmg14/111458>