Rabbit Histone H4 Polyclonal Antibody | anti-H4 antibody

Anti-Histone H4 (MonoMethyl-R19) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265029	**Rabbit**	**Human, Mouse, Rat, Bovine, Chicken, Pig**	**Immunohistochemistry, Western Blot**

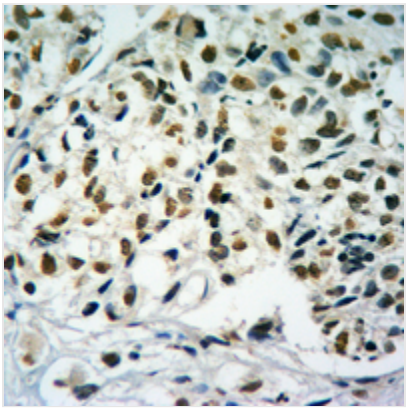
PRODUCT SYNONYMS

Histone H4; Polyclonal Antibody; Anti-Histone H4 (MonoMethyl-R19) Antibody; anti-H4 antibody

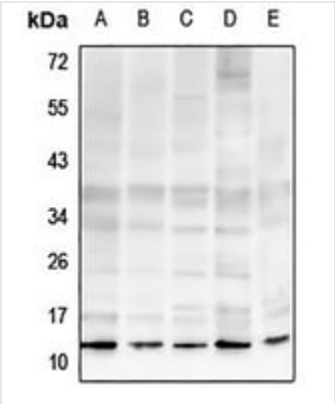
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Histone H4 protein only when Mono-methylated at R19.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-H4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic Mono-methylated peptide corresponding to residues surrounding R19 of human Histone H4 protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of Histone H4 (MonoMethyl-R19) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of Histone H4 (MonoMethyl-R19) expression in A375 (A), H446 (B), U2OS (C), mouse kidney (D), rat kidney (E) whole cell lysates. (Predicted band size: 11 kD; Observed band size: 14 kD

ADDITIONAL INFORMATION

Related Product Information for anti-H4 antibody	Rabbit polyclonal antibody to Histone H4 (MonoMethyl-R19)
Product Categories/Family for anti-H4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	77539758
NCBI GeneID	554313
NCBI Accession #	NP_001029249.1
NCBI GenBank Nucleotide #	NM_001034077.4
UniProt Accession #	P62805; P62806; P62804
Molecular Weight	11,367 Da
NCBI Official Full Name	histone H4
NCBI Official Synonym Full Names	histone cluster 2, H4b
NCBI Official Symbol	HIST2H4B
NCBI Official Synonym Symbols	H4/o
NCBI Protein Information	histone H4; histone 2, H4b
UniProt Protein Name	Histone H4
UniProt Gene Name	**HIST1H4A**
UniProt Synonym Gene Names	H4/A; H4FA
UniProt Entry Name	H4_HUMAN

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://www.aaabiotech.com/polyclonal/histone-h4-antibody-immunohistochemistry-western-blot-elisa/265029