

Rabbit High Mobility Group Protein 1 (HMG1) Polyclonal Antibody | anti-HMG1 antibody

Polyclonal Antibody to High Mobility Group Protein 1 (HMG1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132265	Rabbit	Rat, Human, Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

High Mobility Group Protein 1 (HMG1); Polyclonal Antibody; Polyclonal Antibody to High Mobility Group Protein 1 (HMG1); anti-HMG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against HMG1. It has been selected for its ability to recognize HMG1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	0.55mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and its sequence is listed below. M GHHHHHSGS EF-MGKDPK KPRGKMSSYA FFVQTCREEH KKKHPDASVN FSEFSKKCSE RWKTMSAKEK GKFEDMAKAD KARYEREMKT YIPPKGETKK KFKDPNAPKR PPSAFFLFCS EYRPKIKGEH PGLSIGDVAK KLGEMWNNTA ADDKQPYEKK AAKLKEYEK DIAAYRAKGK PDAAKKGVVK AEKSKKKKEE EDDEEDEEDE EEEEEEEEDE EEEDDDDE
Applicable Applications for anti-HMG1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant HMG1 (Met1~Glu215) expressed in E.coli.
Cross Reactivity	Human, Mouse, Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data

Knockout Validation: Lane 1: Wild-type Jurkat cell lysate; Lane 2: HMG1 knockout Jurkat cell lysate; Predicted MW: 25kd Observed MW: 28kd Primary Ab: 2ug/ml Rabbit Anti-Rat HMG1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Rat Pancreas Tissue

**IHC (Immunohistochemistry)**

DAB staining on formalin fixed paraffin- embedded kidney tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Human Jurkat cell lysate; Primary Ab: 2ug/ml Rabbit Anti-Rat HMG1
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-HMG1 antibody

[Knock-Out Validation Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981026
NCBI GeneID	25459
NCBI Accession #	NP_037095.1
NCBI GenBank Nucleotide #	NM_012963.2
UniProt Accession #	P63159; P07155; P27109; P27428; Q548R9
Molecular Weight	24,894 Da
NCBI Official Full Name	high mobility group protein B1
NCBI Official Synonym Full Names	high mobility group box 1
NCBI Official Symbol	Hmgb1
NCBI Official Synonym Symbols	Hmg1; Ac2-008
NCBI Protein Information	high mobility group protein B1
UniProt Protein Name	High mobility group protein B1
UniProt Gene Name	Hmgb1
UniProt Synonym Gene Names	Hmg-1; Hmg1; HMG-1

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/polyclonal/high-mobility-group-protein-1-hmg1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132265>