

Rabbit HMGB1 Polyclonal Antibody | anti-HMGB1 antibody

HMGB1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174377	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

HMGB1; Polyclonal Antibody; HMGB1 Polyclonal Antibody; Amphoterin; Chromosomal protein; nonhistone; HMG1; DKFZp686A04236; High mobility group 1; High mobility group box 1; High mobility group protein 1; High mobility group protein B1; high-mobility group (nonhistone chromosomal) protein 1; HMG-1; HMG3; HMGB 1; NONHISTONE CHROMOSOMAL PROTEIN HMG1; SBP 1; Sulfoglucuronyl carbohydrate binding protein; anti-HMGB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	1.45 mg/mL (varies by lot)
Sequence Length	215
Applicable Applications for anti-HMGB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse HMGB1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



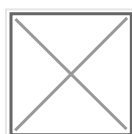
IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded Mouse heart using HMGB1 Polyclonal Antibody at dilution of 1:300.



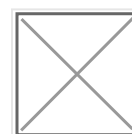
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse kidney using HMGB1 Polyclonal Antibody at dilution of 1:500.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver cancer using HMGB1 Polyclonal Antibody at dilution of 1:500.



WB (Western Blot)

Western Blot analysis of various samples using HMGB1 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-HMGB1 antibody	High mobility group (HMG) proteins 1 and 2 are ubiquitous non-histone components of chromatin. Evidence suggests that the binding of HMG proteins to DNA induces alterations in the DNA architecture including DNA bending and unwinding of the helix. HMG proteins synergize with Oct-2, members of the NF- κ B family, ATF-2 and c-Jun to activate transcription. Other studies indicate that phosphorylation of HMG protein is required to stimulate the transcriptional activity of the protein. Human HMG-1 and HMG-2 both contain two DNA-binding domains, termed HMG boxes. HMG proteins bind single-stranded DNA but induce conformational changes in double-stranded DNA alone.
Product Categories/Family for anti-HMGB1 antibody	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	926459555
NCBI GeneID	3146
NCBI Accession #	NP_001300821.1
NCBI GenBank Nucleotide #	NM_001313892.1
UniProt Accession #	P09429; Q14321; Q5T7C3; Q6IBE1; A5D8W9
Molecular Weight	Calculated: 25kDa Observed: 25kDa
NCBI Official Full Name	high mobility group protein B1 isoform 1
NCBI Official Synonym Full Names	high mobility group box 1
NCBI Official Symbol	HMGB1
NCBI Official Synonym Symbols	HMG1; HMG3; HMG-1; SBP-1
NCBI Protein Information	high mobility group protein B1
UniProt Protein Name	High mobility group protein B1
UniProt Gene Name	HMGB1
UniProt Synonym Gene Names	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmgb1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/174377>