

Rabbit HMGB2 Polyclonal Antibody | anti-HMGB2 antibody

Anti-HMGB2 Antibody

CATALOG # AAA46646	HOST Rabbit	REACTIVITY Human, Mouse, Rat No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------	---	---

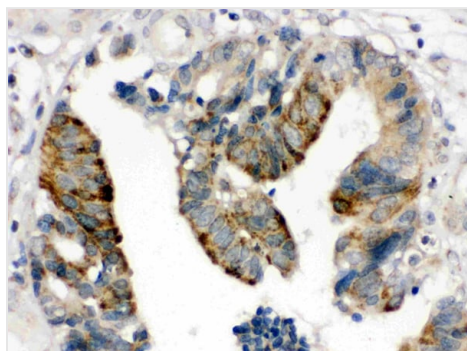
PRODUCT SYNONYMS

HMGB2; Polyclonal Antibody; Anti-HMGB2 Antibody; C80539; HMG2; HMG-2; HMG 2; HMG B2; P26583; High mobility group protein B2; high mobility group box 2; anti-HMGB2 antibody

PRODUCT SPECIFICATIONS

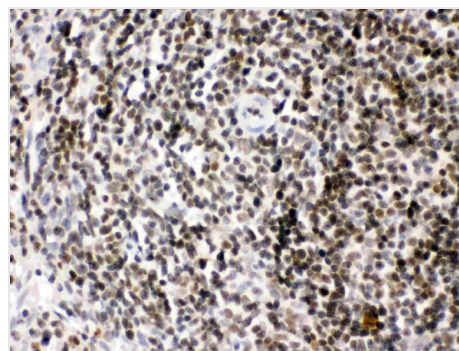
Host	Rabbit
Reactivity	Human, Mouse, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	209
Applicable Applications for anti-HMGB2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HMGB2 (65-97aa KSDKARYDREMKNYVPPKGDKKGKKKDPNAPKR), identical to the related mouse and rat sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ N.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



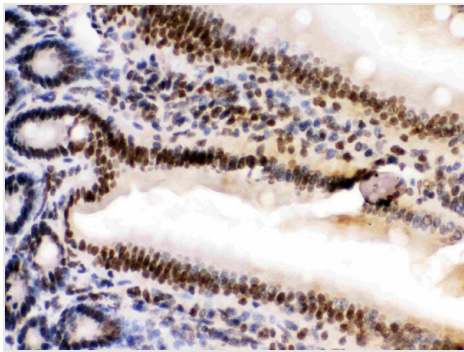
IHC (Immunohistochemistry)

HMGB2 was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- HMGB2 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



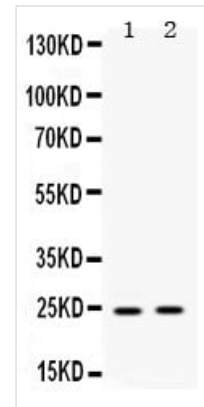
IHC (Immunohistochemistry)

HMGB2 was detected in paraffin-embedded sections of rat spleen tissues using rabbit anti- HMGB2 Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)

HMGB2 was detected in paraffin-embedded sections of mouse intestine tissues using rabbit anti- HMGB2 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)

Western blot analysis of HMGB2 expression in rat liver extract (lane 1) and human placenta extract (lane 2). HMGB2 at 24KD was detected using rabbit anti- HMGB2 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-HMGB2 antibody	Rabbit IgG polyclonal antibody for High mobility group protein B2 (HMGB2) detection. Background: High-mobility group protein B2, also known as high-mobility group protein 2 (HMG-2), is a protein that in humans is encoded by the HMGB2 gene. This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination.
References	1. "Entrez Gene: HMGB2 high-mobility group box 2". 2. Majumdar A, Brown D, Kerby S, Rudzinski I, Polte T, Randhawa Z, Seidman MM (Dec 1991). "Sequence of human HMG2 cDNA". Nucleic Acids Research 19 (23): 6643.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194688133
NCBI GeneID	3148
NCBI Accession #	NP_001124160.1
NCBI GenBank Nucleotide #	NM_001130688.1
UniProt Accession #	P26583 ; Q5U072 ; B2R4K8 ; D3DP37
Molecular Weight	24,034 Da
NCBI Official Full Name	high mobility group protein B2
NCBI Official Synonym Full Names	high mobility group box 2
NCBI Official Symbol	HMGB2
NCBI Official Synonym Symbols	HMG2
NCBI Protein Information	high mobility group protein B2
UniProt Protein Name	High mobility group protein B2
UniProt Gene Name	HMGB2
UniProt Synonym Gene Names	HMG2; HMG-2
UniProt Entry Name	HMGB2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmgb2-antibody-immunohistochemistry-western-blot-elisa/46646>