

Rabbit anti-Human, Mouse High mobility group protein B1 Polyclonal Antibody | anti-HMGB1 antibody

Rabbit anti- human High mobility group protein B1 polyclonal Antibody

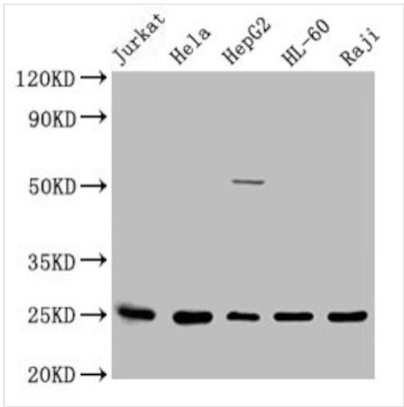
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA81445	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

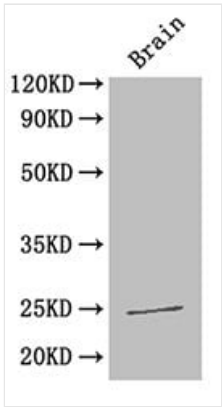
High mobility group protein B1; Polyclonal Antibody; Rabbit anti- human High mobility group protein B1 polyclonal Antibody; anti-HMGB1 antibody

PRODUCT SPECIFICATIONS

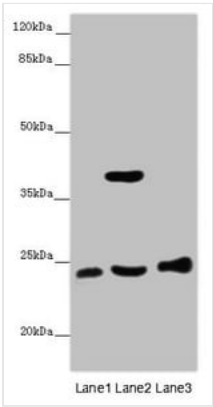
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Sequence Length	215
Applicable Applications for anti-HMGB1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human High mobility group protein B1 protein (8-179AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26351 / sc-12523 / sc-33199
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



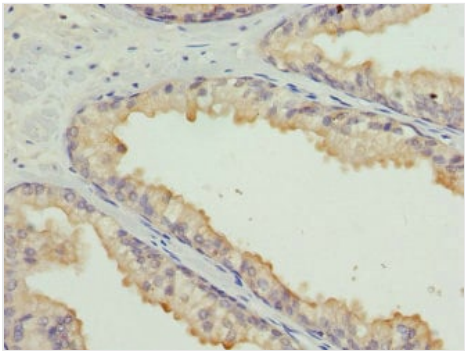
WB (Western Blot)
Western BlotPositive WB detected in: Jurkat whole cell lysate,HeLa whole cell lysate, HepG2 whole cell lysate,HL60 whole cell lysate, Raji whole cell lysateAll lanes: HMGB1 antibody at 1:2500SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 25 kDaObserved band size: 25 kDa



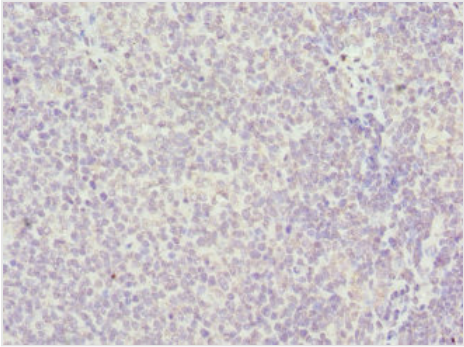
WB (Western Blot)
Western BlotPositive WB detected in: mouse brainAll lanes: HMGB1 antibody at 3.3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 24 kDaObserved band size: 24 kDa



WB (Western Blot)
Western blotAll lanes: HMGB1 antibody at 10 ug/mlLane 1 : Raji whole cell lysateLane 2 : MCF7 whole cell lysateLane 3 : HL60 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 24 kDaObserved band size: 24,40 kDa



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human prostate cancer using AAA81445 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA81445 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-HMGB1 antibody

DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a cofactor of the RAG complex. Acts by stimulating cleavage and RAG protein binding at the 23 bp spacer of conserved recombination signal sequences (RSS). Heparin-binding protein that has a role in the extension of neurite-type cytoplasmic processes in developing cells.

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
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; 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
UniProt Entry Name	HMGB1_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://stage.aaabiotech.com/polyclonal/high-mobility-group-protein-b1-antibody-western-blot-immunohistochemistry-elisa/81445>