

Rabbit anti-Human HMGB1 Polyclonal Antibody | anti-HMGB1 antibody

HMGB1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201888	Rabbit	Human	Western Blot

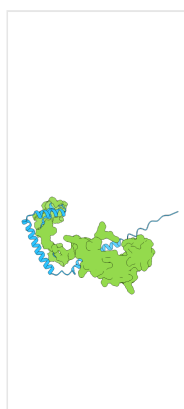
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

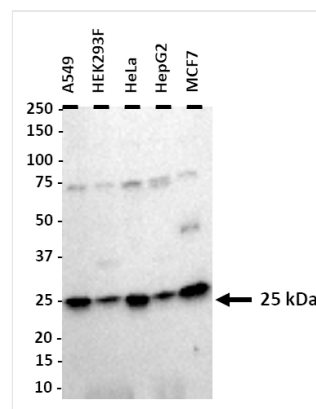
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide.
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-HMGB1 antibody	WB (Western Blot)
Immunogen	Recombinant Human HMGB1 aa 2-120
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



Immunogen

Immunogen: Recombinant protein representing aa 2-120 of human HMGB1 (green) depicted within the full length structure prediction (blue) via AlphaFold. (<https://alphafold.ebi.ac.uk/>).



WB (Western Blot)

20 ug of the indicated human whole cell extract was loaded onto a 4-20% SDS-PAGE gel. After electrophoresis, proteins were transferred to a PVDF membrane and probed with 3 ug/mL of antibody. Secondary detection was performed with 0.08 ug/mL of HRP-conjugated donkey anti-rabbit IgG antibody. Images were captured after development of membrane following exposure to AvivaBlot™ Femto ECL Reagent

ADDITIONAL INFORMATION

Related Product Information for anti-HMGB1 antibody	This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2015]
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	3146
UniProt Accession #	P09429
Molecular Weight	25 kDa

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/hmgb1-antibody-western-blot-elisa/201888>