

## Anti-HMGB1 antibody (100-180 Internal) (STJ93548)

STJ93548

### GENERAL INFORMATION

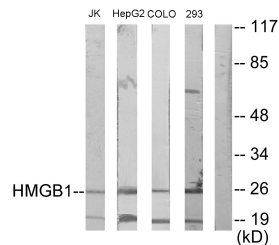
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-High Mobility Group Protein B1 (100-180 Internal) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Immunoprecipitation and ELISA research applications.
<b>Applications</b>	WB, IHC-P, IF, ICC, IP, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

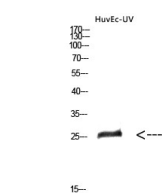
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

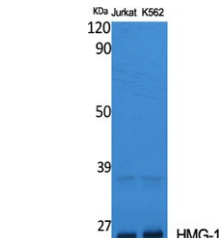
<b>Gene ID</b>	3146
<b>Gene Symbol</b>	HMGB1
<b>Uniprot ID</b>	HMGB1_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HMGB1 at amino acid range 131-180
<b>Immunogen Region</b>	100-180 Internal
<b>Specificity</b>	HMGB1 polyclonal antibody (High Mobility Group Protein B1) binds to endogenous High Mobility Group Protein B1 at the amino acid region 100-180 Internal.
<b>Immunogen Sequence</b>	



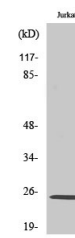
Western blot analysis of lysates from Jurkat, HepG2, COLO205, and 293 cells, using HMGB1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of huvec-uv cells using HMGB-1 Polyclonal Antibody diluted at 1: 2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventibiotech, MN, USA).



Western blot analysis of various cells using HMGB-1 Polyclonal Antibody diluted at 1: 2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventibiotech, MN, USA).



Western blot analysis of Jurkat cells using HMGB-1 Polyclonal Antibody diluted at 1: 2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventibiotech, MN, USA).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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