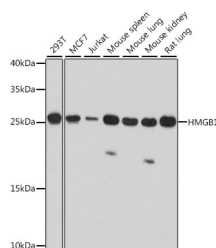


## (KO Validated) HMGB1 Polyclonal Antibody

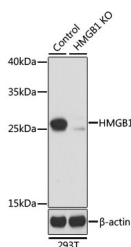
<b>Catalog No.</b>	E-AB-60726	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,IF	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

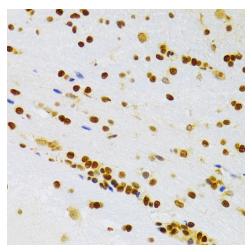
### Images



Western blot analysis of extracts of various cell lines using HMGB1 Polyclonal Antibody at dilution of 1:1000.



Western blot analysis of extracts from normal (control) and HMGB1 knockout (KO) 293T cells using HMGB1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat brain using HMGB1 Polyclonal Antibody at dilution of 1:100 (40x lens).

### Immunogen Information

<b>Immunogen</b>	A synthetic peptide of human HMGB1 (NP_002119.1).
<b>GeneID</b>	3146
<b>Swissprot</b>	P09429
<b>Synonyms</b>	HMG-1,HMG1,HMG3,SBP-1,HMGB1

### Product Information

<b>Calculated MW</b>	24kDa
<b>Observed MW</b>	29kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200

### Background

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.