

## HMGB1 Antibody

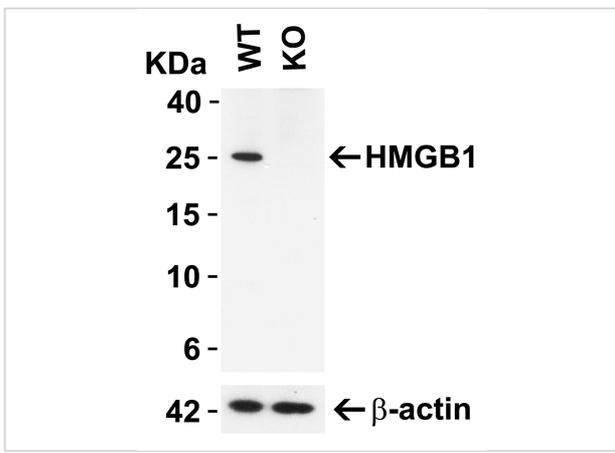
CATALOG NUMBER: 7715

### Specifications

<b>Host Species</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Homology</b>	Predicted species reactivity based on immunogen sequence: Chicken: (100%), Pig: (100%)
<b>Immunogen</b>	Anti-HMGB1 antibody ( <b>7715</b> ) was raised against a peptide corresponding to 19 amino acids near the center of human HMGB1. The immunogen is located within 70-120 amino acids of HMGB1.
<b>Conjugate</b>	Unconjugated
<b>Tested Applications</b>	ELISA, IF, IHC-P, WB
<b>User Note</b>	Optimal dilutions for each application to be determined by the researcher.
<b>Specificity</b>	HMGB1 antibody is human, mouse and rat reactive.
<b>Predicted Molecular Weight</b>	Predicted: 25 kDa Observed: 25 kDa

### Properties

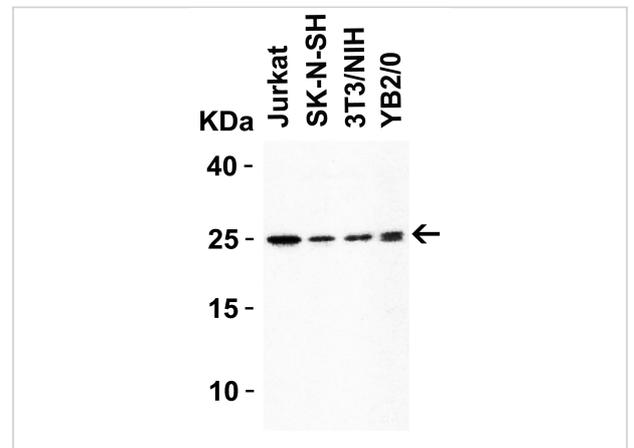
<b>Purification</b>	HMGB1 antibody is affinity chromatography purified via peptide column.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Physical State</b>	Liquid
<b>Buffer</b>	HMGB1 Antibody is supplied in PBS containing 0.02% sodium azide.
<b>Concentration</b>	1 mg/mL
<b>Storage Conditions</b>	HMGB1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.



### HMGB1 Antibody 1

**Figure 1 KO Validation in HeLa Cells**

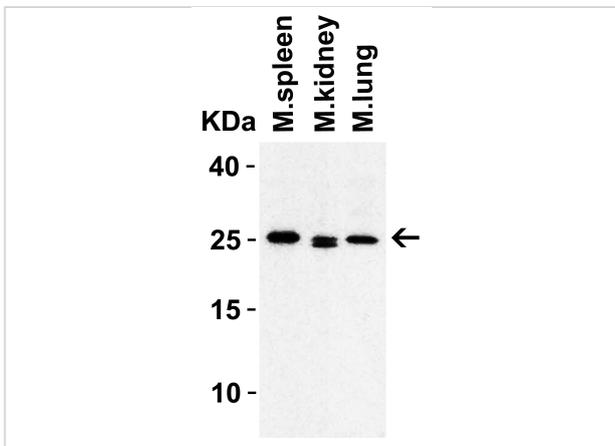
Loading: 10 µg of HeLa WT cell lysates or HMGB1 KO cell lysates. Antibodies: HMGB1 (0.5 µg/mL) and beta-actin 3779 (1 µg/mL), 1 h incubati...



### HMGB1 Antibody 2

**Figure 2 WB Validation in Human, Mouse and Rat Cell Lines**

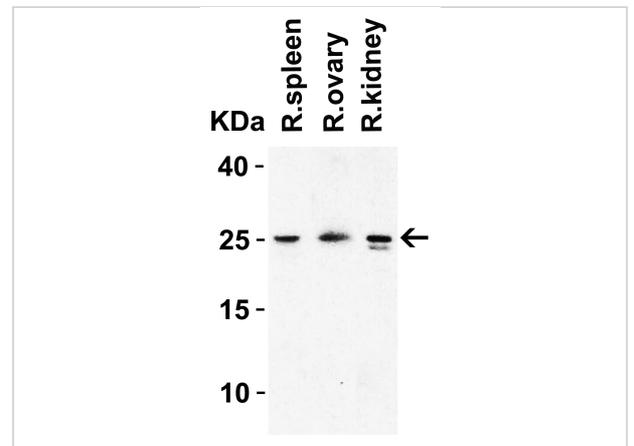
Loading: 15 µg of lysate Antibodies: HMGB1 7715, 1 µg/mL, 1 h incubation at RT in 5% NFDN/TBST. Secondary: Goat Ant...



### HMGB1 Antibody 3

**Figure 3 WB Validation in Mouse Tissues**

Loading: 15 µg of lysate Antibodies: HMGB1 7715, 1 µg/mL, 1 h incubation at RT in 5% NFDN/TBST. Secondary: Goat Anti-Rabbit IgG HRP ...



### HMGB1 Antibody 4

**Figure 4 WB Validation in Rat Tissues**

Loading: 15 µg of lysate Antibodies: HMGB1 7715, 1 µg/mL, 1 h incubation at RT in 5% NFDN/TBST. Secondary: Goat Anti-Rabbit IgG HRP co...

## Disclaimer

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Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.

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