

Datasheet for ABIN324443
anti-HMGB1 antibody (AA 126-175)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	HMGB1
Binding Specificity:	AA 126-175
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Guinea Pig, Horse, Rabbit, Monkey, Chicken, Hamster, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa126-175 of human HMGB1 (P09429, NP_002119). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Baboon, Monkey, Galago, Marmoset, Mouse, Rat, Shrew, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Lizard, Smelt (100%), Xenopus, Frog, Zebrafish (92%), Trout, Salmon, Sablefish (85%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human HMGB1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig, Chicken (100%) Xenopus, Zebrafish (92%).

Product Details

Purification: Protein A purified

Target Details

Target: HMGB1

Alternative Name: HMG1 / HMGB1 ([HMGB1 Products](#))

Background: Name/Gene ID: HMGB1

Synonyms: HMGB1, Amphoterin, High mobility group protein B1, High mobility group box 1, High mobility group protein 1, HMG1, HMG3, SBP-1, High-mobility group box 1, HMG-1

Gene ID: 3146

NCBI Accession: [NP_002119](#)

UniProt: [P09429](#)

Pathways: [p53 Signaling](#), [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#), [Positive Regulation of Endopeptidase Activity](#), [Regulation of Carbohydrate Metabolic Process](#), [Toll-Like Receptors Cascades](#), [Smooth Muscle Cell Migration](#), [Inflammasome](#)

Application Details

Application Notes: Approved: WB

Usage: ELISA titer using peptide based assay: 1:62500. Western Blot: Suggested dilution at 1.25 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled Water.

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling

Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images

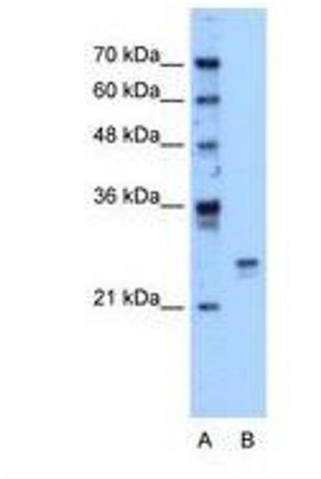


Image 1.