

Datasheet for ABIN3031204
anti-HMGB1 antibody (AA 152-180)



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2 Images

Overview

Quantity:	0.4 mL
Target:	HMGB1
Binding Specificity:	AA 152-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 152-180 from the human protein was used as the immunogen for this HMGB-1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Bovine, Pig, Primate, Hamster
Purification:	Antigen affinity purified

Target Details

Target:	HMGB1
Alternative Name:	HMGB-1 (HMGB1 Products)
Background:	DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds

Target Details

preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a cofactor of the RAG complex. Acts by stimulating cleavage and RAG protein binding at the 23 bp spacer of conserved recombination signal sequences (RSS). Heparin-binding protein that has a role in the extension of neurite-type cytoplasmic processes in developing cells (By similarity). [UniProt]

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: Titration of the HMGB-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

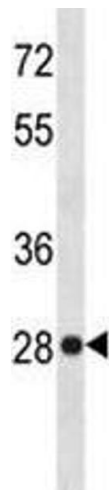
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

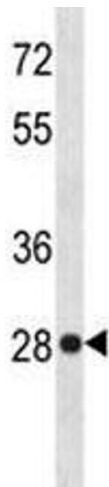
Storage: -20 °C

Storage Comment: Aliquot the HMGB-1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. HMGB-1 antibody western blot analysis in HeLa lysate.



Western Blotting

Image 2. HMGB-1 antibody western blot analysis in HeLa lysate.