

Datasheet for ABIN7155205
anti-HMGB1 antibody (AA 8-179)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	HMGB1
Binding Specificity:	AA 8-179
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human High mobility group protein B1 protein (8-179AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	HMGB1
Alternative Name:	HMGB1 (HMGB1 Products)
Background:	Background: DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a

Target Details

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.

Aliases: Amphoterin antibody, Chromosomal protein, nonhistone, HMG1 antibody, DKFZp686A04236 antibody, High mobility group 1 antibody, High mobility group box 1 antibody, High mobility group protein 1 antibody, High mobility group protein B1 antibody, high-mobility group (nonhistone chromosomal) protein 1 antibody, HMG-1 antibody, HMG1 antibody, HMG3 antibody, HMGB 1 antibody, HMGB1 antibody, HMGB1_HUMAN antibody, NONHISTONE CHROMOSOMAL PROTEIN HMG1 antibody, SBP 1 antibody, Sulfoglucuronyl carbohydrate binding protein antibody

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: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

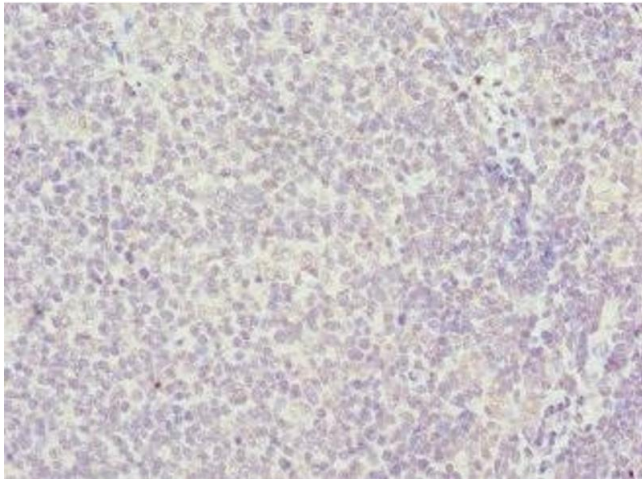
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

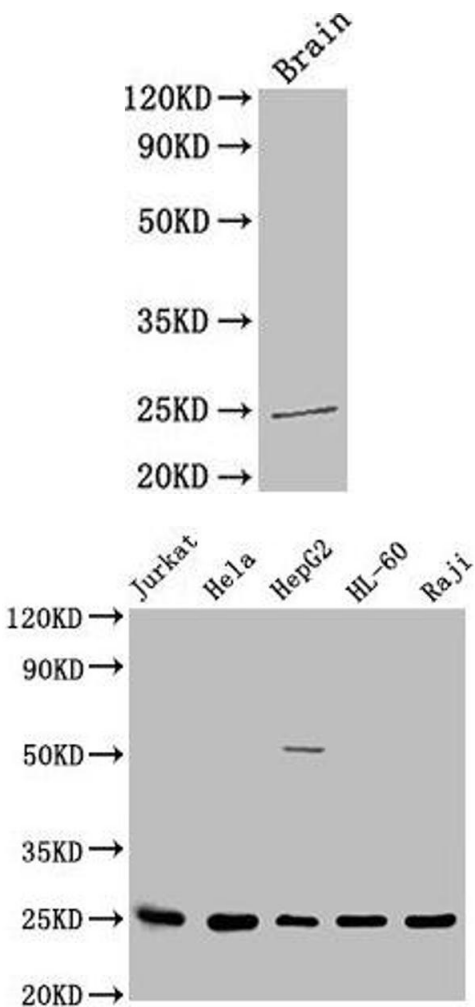
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7155205 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse brain tissue All lanes: HMGB1 antibody at 3.3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 25 kDa Observed band size: 25 kDa

Western Blotting

Image 3. Western Blot Positive WB detected in: Jurkat whole cell lysate, Hela whole cell lysate, HepG2 whole cell lysate, HL60 whole cell lysate, Raji whole cell lysate All lanes: HMGB1 antibody at 1:2500 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 25 kDa Observed band size: 25 kDa

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7155205.