Datasheet for ABIN343745

anti-HMGB3 antibody (Internal Region)

1 Image

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Overview

Quantity:	100 µg
Target:	HMGB3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HMGB3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	HMGB3 / HMG4
Immunogen:	Peptide with sequence C-KFDGAKGPAKVARKK, from the internal region (near C Terminus) of the protein sequence according to NP_005333.2.
Sequence:	KFDGAKGPAK VARKK
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	HMGB3
Alternative Name:	HMGB3 (HMGB3 Products)
Background:	HMGB3, high-mobility group box 3, HMG2A, HMG4, MGC90319, high-mobility group (nonhistone chromosomal) protein 4, non-histone chromosomal protein
Gene ID:	3149, 15354
NCBI Accession:	NP_005333

Application Details

Application Notes:	Western Blot: Approx. 24 kDa band observed in Human Lung lysates (calculated MW of 23.0 kDa according to NP_005333.2). Recommended concentration: 0.01-0.03 µg/mL. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images

Western Blotting

Image 1. ABIN343745 (0.01µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.