

Datasheet for ABIN2776437
anti-HMGB3 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	HMGB3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Rabbit, Pig, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human HMGB3
Sequence:	MAKGDPKKPK GKMSAYAFFV QTCREEHKKK NPEVPVNFAE FSKKCSERWK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 91%, Horse: 100%, Human: 93%, Mouse: 86%, Pig: 82%, Rabbit: 100%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against HMGB3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	HMGB3
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Target Details

Alternative Name:	HMGB3 (HMGB3 Products)
Background:	The human HMG2a gene is transcribed mainly in the placenta. HMG2a encodes a protein which is part of the high mobility group (HMG) family. Members of this family are ubiquitously expressed and facilitate the formation of nucleoprotein complexes where the DNA is sharply bent. Alias Symbols: HMG4, HMG-4, HMG2A, HMG-2a Protein Interaction Partner: SDCBP, UBC, IPO9, DDX19A, UBXN1, MCTS1, SCRNI1, PDIA4, PAPSS1, DENR, YWHAH, PAFAH1B1, GSS, ALDH7A1, ACAT2, HMGA1, CAND1, TFAP4, TERF2IP, Protein Size: 200
Molecular Weight:	23 kDa
Gene ID:	3149
NCBI Accession:	NM_005342 , NP_005333
UniProt:	O15347

Application Details

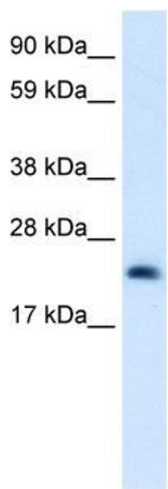
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 200 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HMGB3 Antibody Titration:
0.3ug/ml ELISA Titer: 1:12500 Positive Control: Human Placenta