

Datasheet for ABIN2776438  
**anti-HMGB3 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

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

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human HMGB3
Sequence:	NLNDSEKQPY ITKAAKLKEK YEKDVADYKS KGKFDGAKGP AKVARKKVEE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against HMGB3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	HMGB3
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## Target Details

Alternative Name:	HMGB3 ( <a href="#">HMGB3 Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: HMG4, HMG-4, HMG2A, HMG-2a</p> <p>Protein Interaction Partner: SDCBP, UBC, IPO9, DDX19A, UBXN1, MCTS1, SCRNI1, PDIA4, PAPSS1, DENR, YWHAH, PAFAH1B1, GSS, ALDH7A1, ACAT2, HMGA1, CAND1, TFAP4, TERF2IP,</p> <p>Protein Size: 200</p>
Molecular Weight:	23 kDa
Gene ID:	3149
NCBI Accession:	<a href="#">NM_005342</a> , <a href="#">NP_005333</a>
UniProt:	<a href="#">O15347</a>

## 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

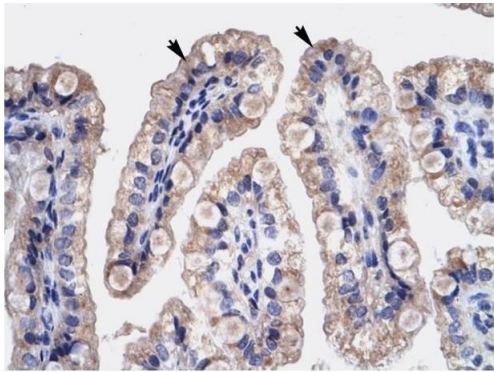
aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** WB Suggested Anti-HMGB3 Antibody Titration: 0.3ug/ml ELISA Titer: 1:312500 Positive Control: Human Placenta



Immunohistochemistry

**Image 2.** Human Intestine

Rabbit Anti-HMGB3 Antibody  
Catalog Number: ARP35766  
Lot Number: QC5111  
Paraffin Embedded Tissue: Human Intestine  
Cells with Positive label: Epithelial cells of intestinal villus (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X