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Datasheet for ABIN7267651
anti-HMGB3 antibody (AA 100-200)

1 Image

Overview

Quantity:	100 µL
Target:	HMGB3
Binding Specificity:	AA 100-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	HMGB3 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human HMGB3 (NP_005333.2).
Sequence:	FFLFCSEFRP KIKSTNPGIS IGDVAKKLGE MWNNLNLDSEK QPYITKAAKL KEKYEKDVAD YKSKGKFDGA KGPQKQVARKK VEEDEEEEE EEEEEEEEE E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

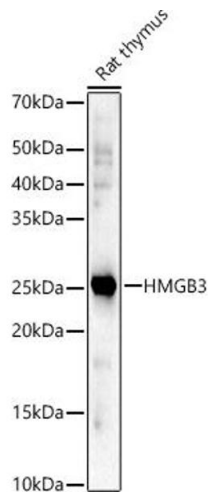
Target:	HMGB3
Alternative Name:	HMGB3 (HMGB3 Products)
Background:	This gene encodes a member of a family of proteins containing one or more high mobility group DNA-binding motifs. The encoded protein plays an important role in maintaining stem cell populations, and may be aberrantly expressed in tumor cells. A mutation in this gene was associated with microphthalmia, syndromic 13. There are numerous pseudogenes of this gene on multiple chromosomes. Alternative splicing results in multiple transcript variants.,HMGB3,HMG-2a,HMG-4,HMG2A,HMG4,Epigenetics & Nuclear Signaling,HMGB3
Molecular Weight:	22kDa
Gene ID:	3149
UniProt:	O15347

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Rat thymus, using HMGB3 antibody (ABIN7267651) at 1:2265 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.