

Datasheet for ABIN6983067
anti-HMGB3 antibody (Biotin)



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Overview

Quantity:	100 µL
Target:	HMGB3
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB3 antibody is conjugated to Biotin
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HMG4/HMGB3:1-100/200
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	HMGB3
Alternative Name:	HMG4/HMGB3 (HMGB3 Products)
Background:	Synonyms: High mobility group (nonhistone chromosomal) protein 4, High mobility group box 3, High mobility group protein 2a, High mobility group protein 4, High mobility group protein B3, High mobility group protein HMG4, HMG 4, HMG-2a, HMG-4, HMG2A, HMGB 3, HMGB3, HMGB3_HUMAN, MGC90319, Non histone chromosomal protein, Nonhistone chromosomal

Target Details

protein HMG4.

Background: HMGB3 belongs to the high mobility group (HMG) protein superfamily. Like HMG1 (MIM 163905) and HMG2 (MIM 163906), HMGB3 contains DNA-binding HMG box domains and is classified into the HMG box subfamily. Members of the HMG box subfamily are thought to play a fundamental role in DNA replication, nucleosome assembly and transcription (Wilke et al., 1997 [PubMed 9370291], Nemeth et al., 2006 [PubMed 16945912]).[supplied by OMIM, Mar 2008] Function : Binds preferentially single-stranded DNA and unwinds double stranded DNA. Similarity : Belongs to the HMGB family. Contains 2 HMG box DNA-binding domains.

Gene ID: 3149

UniProt: [O15347](#)

Application Details

Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months