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# anti-HMGB3 antibody





### Overview

Quantity:	200 μL
Target:	HMGB3
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## **Product Details**

Immunogen:	Synthetic peptide of human HMGB3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

# Target Details

Target:	HMGB3
Alternative Name:	HMGB3 (HMGB3 Products)
Background:	High-mobility group protein B3 is a protein that in humans is encoded by the HMGB3 gene.  HMGB3 belongs to the higHuman, Mouseobility group (HMG) protein superfamily. Like HMG1
	and HMG2, 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

# **Target Details**

	DNA replication, nucleosome assembly and transcription.
Molecular Weight:	23 kDa
NCBI Accession:	NP_005333
UniProt:	015347

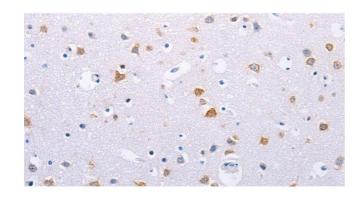
# **Application Details**

Application Notes:	WB 1:500-1:2000, IHC 1:25-1:100
Restrictions:	For Research Use only

# Handling

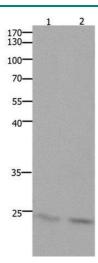
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

# **Images**



## **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Human brain using HMGB3 Polyclonal Antibody at dilution of 1:30



## **Western Blotting**

**Image 2.** Western Blot analysis of Mouse lung and brain tissue using HMGB3 Polyclonal Antibody at dilution of 1:700