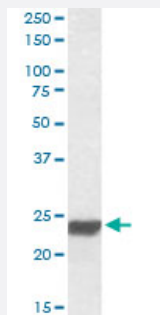


HMGB3 polyclonal antibody

Catalog # PAB12814 Size 100 ug

Applications



Western Blot (Tissue lysate)

HMGB3 polyclonal antibody (Cat # PAB12814) (0.01 ug/mL) staining of human lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HMGB3.
Immunogen	A synthetic peptide corresponding to human HMGB3.
Sequence	C-KFDGAKGPAKVARKK
Host	Goat
Theoretical MW (kDa)	23
Reactivity	Human
Specificity	24 KDa band observed in human Lung lysates (calculated MW of 23 KDa according to NP_005333.2).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL

Recommend Usage	ELISA (1:64000) Western blot (0.01-0.03 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

HMGB3 polyclonal antibody (Cat # PAB12814) (0.01 ug/mL) staining of human lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HMGB3

Entrez GeneID	3149
Protein Accession#	NP_005333.2
Gene Name	HMGB3
Gene Alias	HMG2A, HMG4, MGC90319
Gene Description	high-mobility group box 3
Omim ID	300193
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000025865 high-mobility group (nonhistone chromosomal) protein 4 non-histone chromosomal protein

Publication Reference

- [let-7 regulates self renewal and tumorigenicity of breast cancer cells.](#)

Yu F, Yao H, Zhu P, Zhang X, Pan Q, Gong C, Huang Y, Hu X, Su F, Lieberman J, Song E.

Cell 2007 Dec; 131(6):1109.

Application: WB, Human, SK-3rd, SKBR3 cells