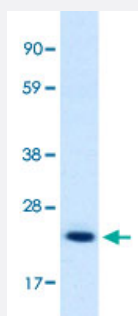


HMGB3 polyclonal antibody

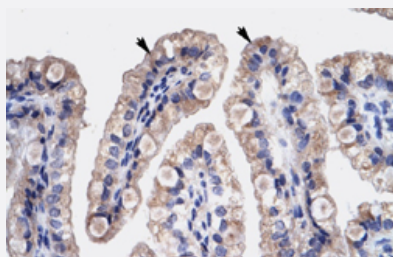
Catalog # PAB30133 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human placenta tissue lysate with HMGB3 polyclonal antibody (Cat # PAB30133) at 0.3 ug/mL working concentration.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human intestine with HMGB3 polyclonal antibody (Cat # PAB30133) at 4-8 ug/mL working concentration.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of human HMGB3.
Immunogen	A synthetic peptide corresponding to C-terminus of human HMGB3.
Sequence	NLNDSEKQPYITKAAKLKEKYEKDVADYKSKGKFDGAKGPAKVARKKVEE
Host	Rabbit
Theoretical MW (kDa)	23
Reactivity	Human
Form	Liquid

Purification	Protein A purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) Western Blot (0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage 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)

Western Blot analysis of human placenta tissue lysate with HMGB3 polyclonal antibody (Cat # PAB30133) at 0.3 ug/mL working concentration.

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Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human intestine with HMGB3 polyclonal antibody (Cat # PAB30133) at 4-8 ug/mL working concentration.

Gene Info — HMGB3

Entrez GeneID	3149
GeneBank Accession#	NM_005342
Protein Accession#	NP_005333;O15347
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