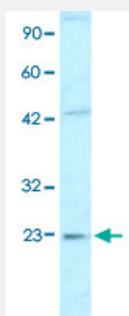


HMGB2 polyclonal antibody

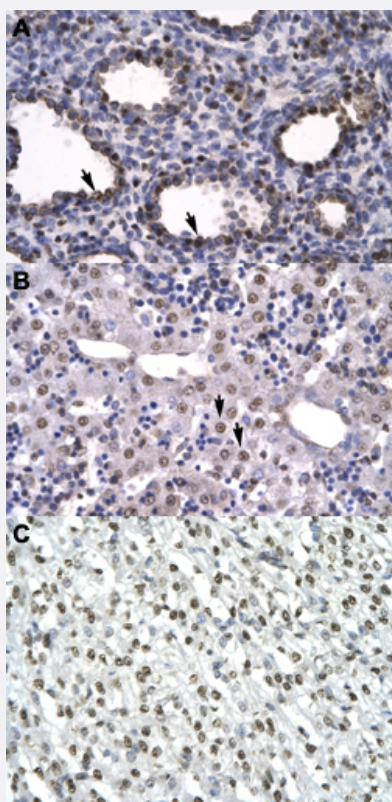
Catalog # PAB30132 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate with HMGB2 polyclonal antibody (Cat # PAB30132) at 0.2-1 ug/mL working concentration.



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung (A), human liver (B) and human heart (C) with HMGB2 polyclonal antibody (Cat # PAB30132) at 4-8 ug/mL working concentration.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of human HMGB2.

Immunogen	A synthetic peptide corresponding to C-terminus of human HMGB2.
Sequence	AAYRAKGKSEAGKKGPGRPTGSKKKNEPEDEEEEEEEEEDEEEEEDEEE
Host	Rabbit
Theoretical MW (kDa)	24
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) Western Blot (0.2-1 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 (Cell lysate)

Western Blot analysis of Jurkat cell lysate with HMGB2 polyclonal antibody (Cat # PAB30132) at 0.2-1 ug/mL working concentration.

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung (A), human liver (B) and human heart (C) with HMGB2 polyclonal antibody (Cat # PAB30132) at 4-8 ug/mL working concentration.

Gene Info — HMGB2

Entrez GeneID	3148
GeneBank Accession#	NM_002129
Protein Accession#	NP_002120:P26583
Gene Name	HMGB2

Gene Alias	HMG2
Gene Description	high-mobility group box 2
Omim ID	163906
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination. [provided by RefSeq]</p>
Other Designations	high-mobility group (nonhistone chromosomal) protein 2

Disease

- [Azoospermia](#)
- [Infertility](#)
- [Oligospermia](#)