

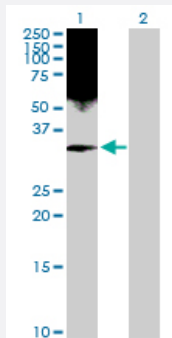
MaxPab®

HMGB2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003148-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HMGB2 expression in transfected 293T cell line ([H00003148-T01](#)) by HMGB2 MaxPab polyclonal antibody.

Lane 1: HMGB2 transfected lysate(24.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HMGB2 protein.
Immunogen	HMGB2 (NP_002120.1, 1 a.a. ~ 209 a.a) full-length human protein.
Sequence	MGKGDPNKPRGKMSSYAFFVQTCREEHKKKHPDSSVNFAEFSKKCSERWKTMSAKEKSKFED MAKSDKARYDREMKNYPPKGDKKGKKKDPNAPKRPPSAFFLCSEHRPKIKSEHPGLSIGDTA KKLGEMWSEQSAKDKQPYEQKAAKLKEKYEKDIAAYRAKGKSEAGKKGPGRPTGSKKKNEPED EEEEEEEEDEDEEEEEDEDEE
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — HMGB2

Entrez GeneID	3148
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GeneBank Accession#	NM_002129.2
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Protein Accession#	NP_002120.1
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Gene Name	HMGB2
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Gene Alias	HMG2
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Gene Description	high-mobility group box 2
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Omim ID	163906
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Gene Ontology	Hyperlink
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Gene Summary	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]
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Other Designations	high-mobility group (nonhistone chromosomal) protein 2
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Disease

- [Azoospermia](#)

- [Infertility](#)

- [Oligospermia](#)