

HMG-2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04146
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HMGB2. AA range:131-180
Mol wt	24034
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	HMG-2 Antibody
Synonyms	HMGB2; HMG2; High mobility group protein B2; High mobility group protein 2; HMG-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

HMGB2 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 high mobility group protein B2 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

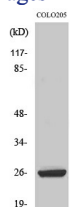
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

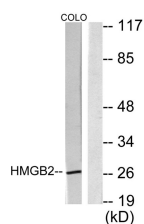
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using HMG-2 Polyclonal Antibody



Western blot analysis of lysates from COLO205 cells, using HMGB2 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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