



Rabbit Anti-Human HMGB3 Polyclonal Antibody (CABT-L2284)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to High Mobility Group Box Protein 3 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against HMGB3. It has been selected for its ability to recognize HMGB3 in immunohistochemical staining and western blotting.
Target	HMGB3
Immunogen	Recombinant fragment corresponding to human HMGB3 (Ser14~Ala176)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene encodes a member of a family of proteins containing one or more high mobility group DNA-binding motifs. The encoded protein plays an important role in maintaining stem cell populations, and may be aberrantly expressed in tumor cells. A mutation in this gene was associated with microphthalmia, syndromic 13. There are numerous pseudogenes of this gene on multiple chromosomes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Keywords	HMG2A;HMG4;High mobility group protein 4

GENE INFORMATION

Gene Name	HMGB3 high mobility group box 3 [Homo sapiens (human)]
Official Symbol	HMGB3
Synonyms	HMGB3; high mobility group box 3; HMG4; HMG-4; HMG2A; HMG-2a; high mobility group protein B3; high mobility group protein 2a; high-mobility group (nonhistone chromosomal) protein 4;
Entrez Gene ID	3149
Protein Refseq	NP_001288157
UniProt ID	O15347
Chromosome Location	Xq28
Function	DNA binding, bending; chromatin binding; double-stranded DNA binding; poly(A) RNA binding;