



Anti-HMGB1 (aa 1-90) polyclonal antibody (DPAB-DC1568)

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

PRODUCT INFORMATION

Antigen Description	HMGB1 (high mobility group box 1) is a protein-coding gene. Diseases associated with HMGB1 include staphylococcal toxic shock syndrome, and toxic shock syndrome, and among its related super-pathways are Immune System and Granzyme-A Pathway. GO annotations related to this gene include cytokine activity and sequence-specific DNA binding transcription factor activity. An important paralog of this gene is HMGB4.
Immunogen	HMGB1 (NP_002119, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. The sequence is MGKGDPPKKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSSAKEKGKF EDMAKADKARYEREMKTYIPPKGETKKKFK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	HMGB1 high mobility group box 1 [Homo sapiens (human)]
Official Symbol	HMGB1
Synonyms	HMGB1; high mobility group box 1; HMG1; HMG3; SBP-1; high mobility group protein B1; HMG-1; Amphoterin; high-mobility group box 1; high mobility group protein 1; Sulfoglucuronyl carbohydrate binding protein; high-mobility group (nonhistone chromosomal) protein 1;
Entrez Gene ID	3146
Protein Refseq	NP_002119
UniProt ID	A0A024RDR0
Chromosome Location	13q12
Pathway	Activated TLR4 signalling; Advanced glycosylation endproduct receptor signaling; Apoptosis induced DNA fragmentation; Base excision repair
Function	DNA binding, bending; RAGE receptor binding; chemoattractant activity; cytokine activity