

## Product datasheet for TA357506

### HMG1 (HMGB1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HMGB1
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish <b>Homology:</b> Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	25kDa
Gene Name:	high mobility group box 1
Database Link:	<a href="#">NP_002119</a> <a href="#">Entrez Gene 3146 Human</a> <a href="#">P09429</a>
Background:	Extracellular HMGB1 is an activator of human tumor cell migration operating in concert with EGF. HMGB1 encodes a protein that is potentially involved in the regulation of lipogenic and cholesterogenic gene transcription.



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**Synonyms:** Amphoterin; DKFZp686A04236; HMG-1; HMG1; HMG3; OTTHUMP00000018196; OTTHUMP00000190860; OTTHUMP00000200117; SBP-1

**Protein Families:** Druggable Genome, Stem cell - Pluripotency, Transcription Factors

**Protein Pathways:** Base excision repair

### Product images:



WB Suggested Anti-HMGB1 Antibody Titration:  
0.2-1 ug/ml  
ELISA Titer: 1:1562500  
Positive Control: 293T cell lysate HMGB1 is supported by BioGPS gene expression data to be expressed in HEK293T