

## **Product datasheet for TA357506**

## OriGene Technologies, Inc.

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### **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: Expected reactivity**: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish

**Homology**: 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.

Note that this product is shipped as lyophilized powder to China customers.

**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: NP 002119

Entrez Gene 3146 Human

P09429

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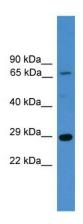
Synonyms: Amphoterin; DKFZp686A04236; HMG-1; HMG1; HMG3; OTTHUMP00000018196;

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 lysateHMGB1 is supported by BioGPS gene expression data to be

expressed in HEK293T