

## Product datasheet for **TA359447**

### HMGA1 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 HMGA1
Specificity:	<b>Expected reactivity:</b> Human
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:	11kDa
Gene Name:	high mobility group AT-hook 1
Database Link:	<a href="#">XP_005249118</a> <a href="#">Entrez Gene 3159 Human</a> <a href="#">P17096</a>



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**Background:**

This gene encodes a non-histone protein involved in many cellular processes, including regulation of inducible gene transcription, integration of retroviruses into chromosomes, and the metastatic progression of cancer cells. The encoded protein preferentially binds to the minor groove of A+T-rich regions in double-stranded DNA. It has little secondary structure in solution but assumes distinct conformations when bound to substrates such as DNA or other proteins. The encoded protein is frequently acetylated and is found in the nucleus. At least seven transcript variants encoding two different isoforms have been found for this gene.

**Synonyms:**

HMG-I(Y); HMG-R; HMGA1A; HMG1Y; MGC4242; MGC4854; MGC12816; OTTHUMP00000016223; OTTHUMP00000016224

**Product images:**

Host: Rabbit  
Target Name: HMGA1  
Sample Tissue: Jurkat Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: HMGA1  
Sample Type: Jurkat Whole Cell lysates  
Antibody Dilution: 1.0ug/ml