

Product datasheet for **TA325094**

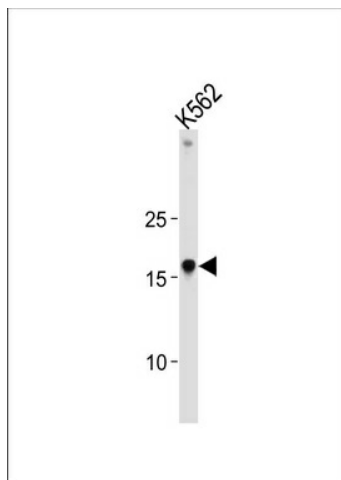
HMGA1 Rabbit Polyclonal Antibody

Product data:

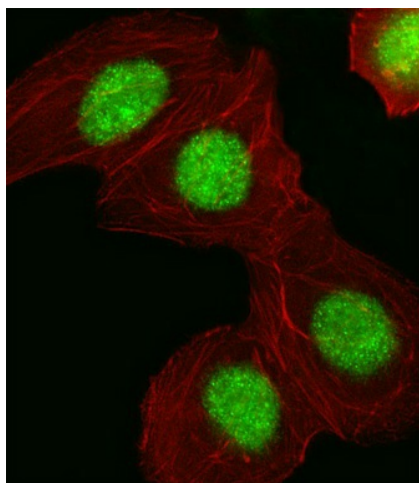
Product Type:	Primary Antibodies
Applications:	FC, IF, WB
Recommended Dilution:	IF: 1:10~50, WB: 1:1000, FC: 1:10~50
Reactivity:	Human (Predicted: Mouse, Rat, Hamster)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This HMGA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 64-93 amino acids from the C-terminal region of human HMGA1.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	11676 Da
Gene Name:	high mobility group AT-hook 1
Database Link:	NP_002122 Entrez Gene 15361 Mouse Entrez Gene 117062 Rat Entrez Gene 3159 Human P17096
Synonyms:	HMG-R; HMGA1A; HMG1Y
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Stem cell relevant signaling - JAK/STAT signaling pathway, Transcription Factors



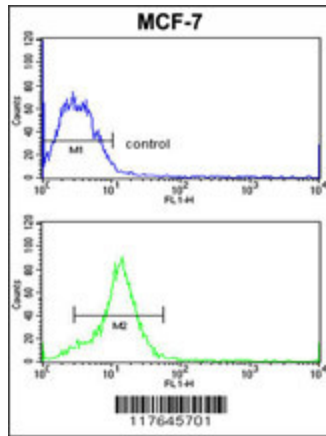
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Product images:

HMGA1 Antibody (C-term) (Cat. #TA325094) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the HMGA1 antibody detected the HMGA1 protein (arrow).



IF image of A549 cell stained with HMGA1 Antibody (C-term) (Cat#TA325094). A549 cells were incubated with HMGA1 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/ml). HMGA1 immunoreactivity is localized to Nucleus significantly.



HMGA1 Antibody (C-term) (Cat. #TA325094) flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.