

Product Name: HMGB1 Rabbit Monoclonal antibody
Catalog #: AMRe03744



Summary

Production Name	HMGB1 Rabbit Monoclonal antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Immunogen

Gene Name	HMGB1
Alternative Names	HMGB1; HMG1; High mobility group protein B1; High mobility group protein 1; HMG-1
Gene ID	3146
SwissProt ID	P09429.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100
Molecular Weight	Calculated MW: 25 kDa; Observed MW: 25 kDa

Background

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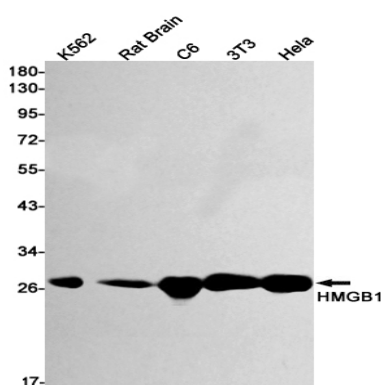


High mobility group (HMG) proteins 1 and 2 are ubiquitous non-histone components of chromatin. Evidence suggests that the binding of HMG proteins to DNA induces alterations in the DNA architecture including DNA bending and unwinding of the helix. HMG proteins synergize with Oct-2, members of the NFκB family, ATF-2 and c-Jun to activate transcription.

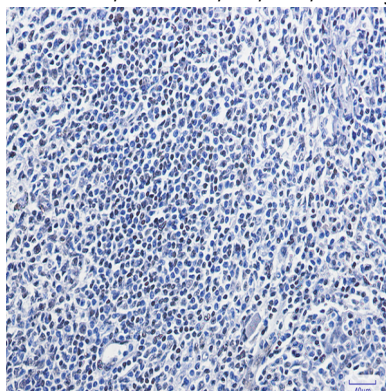
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of HMGB1 in K562, rat Brain, C6, 3T3, HeLa lysates using HMGB1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using HMGB1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.