

Anti HMGB1 Antibody

Catalog No: tcsa15132



Available Sizes

Size: 100µl



Specifications

Application:

WB, IHC, IF

Species Reactivity:

Human, Mouse, Rat

Host Species:

Rabbit

Immunogen / Amino acids:

Recombinant protein of human HMGB1

Conjugation:

Unconjugated

Clonality:

Monoclonal

Isotype:

IgG

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:

WB 1:500 - 1:2000

IHC 1:50 - 1:100

IF 1:50 - 1:100

Storage Instruction:

Store at -20C. Avoid freeze / thaw cycles.

Alternative Names:

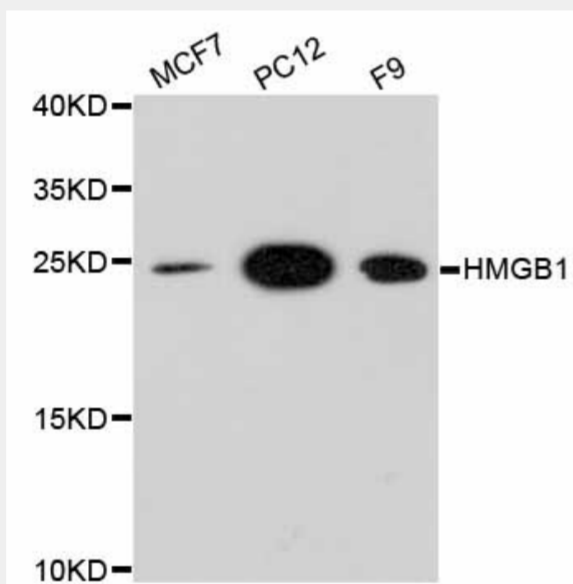
HMGB1 antibody; High mobility group protein B1 antibody; High mobility group protein 1 antibody; HMG-1 antibody;
HMGB1 antibody; HMG1 antibody

SwissProt:

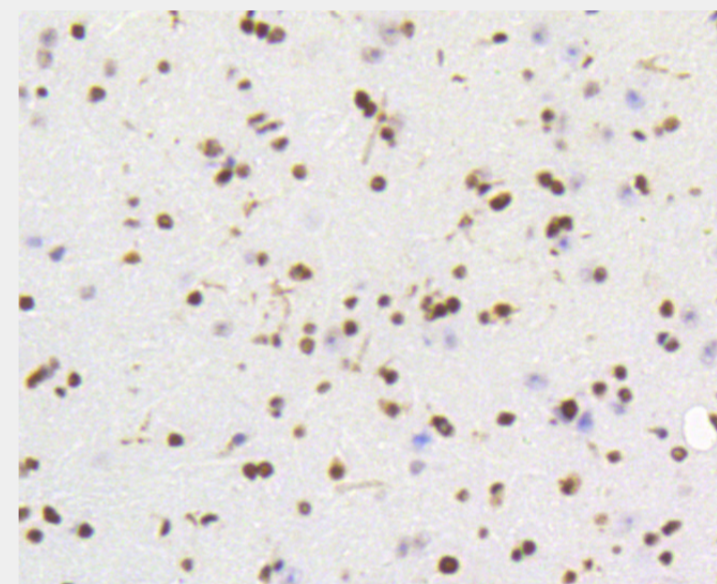
P09429

Product Description

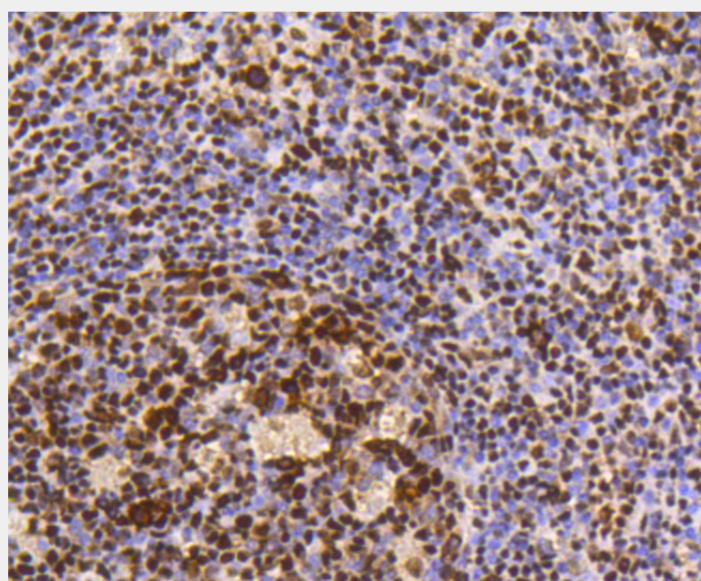
This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein.



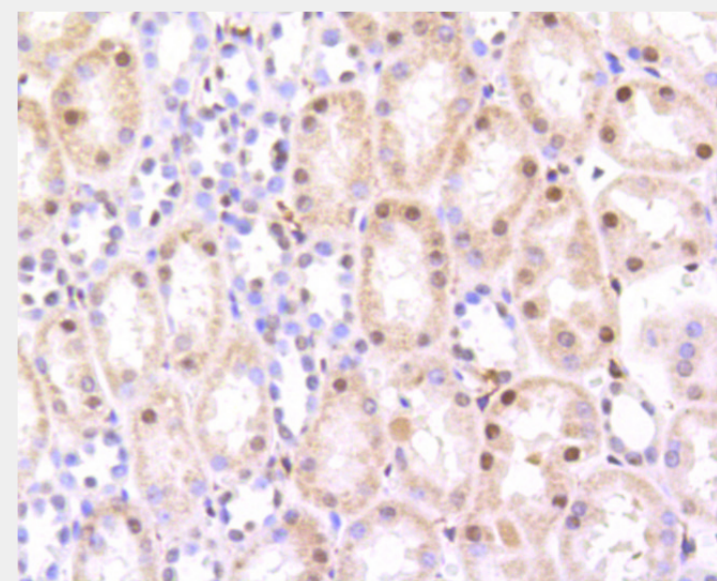
Western blot analysis of extracts of various cell lines, using HMGB1 antibody.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



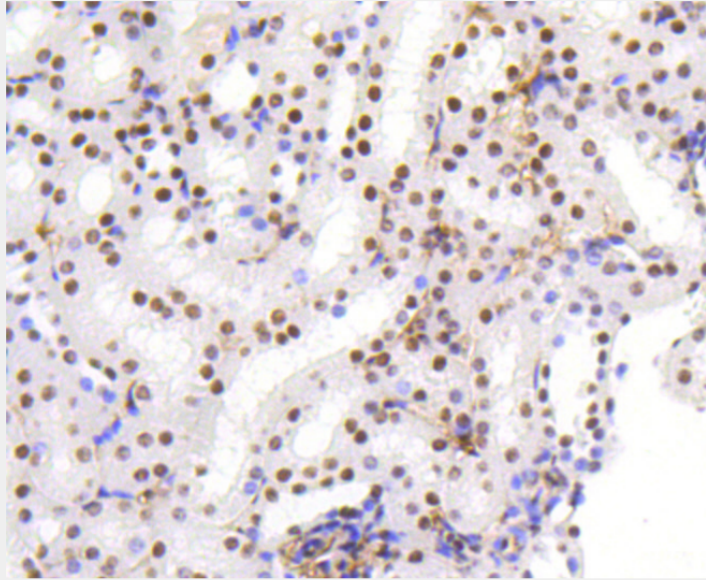
Immunohistochemistry of paraffin-embedded mouse brain using HMGB1 antibody at dilution of 1:100 (40x lens).



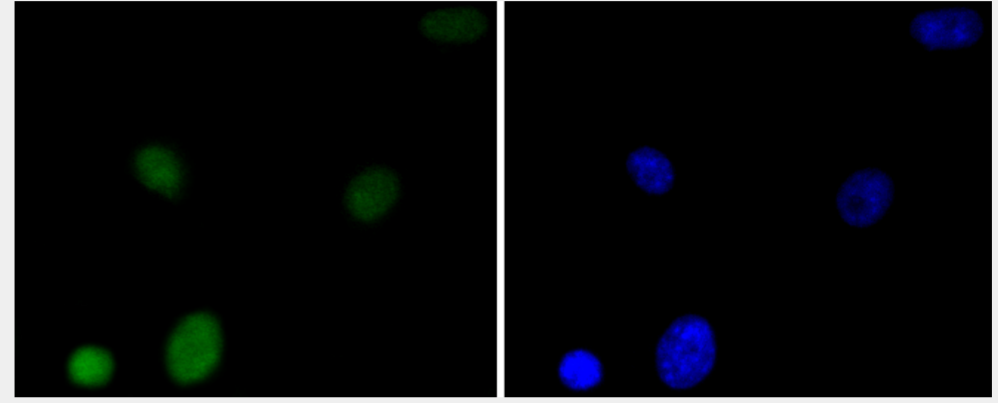
Immunohistochemistry of paraffin-embedded human tonsil using HMGB1 antibody at dilution of 1:100 (40x lens).



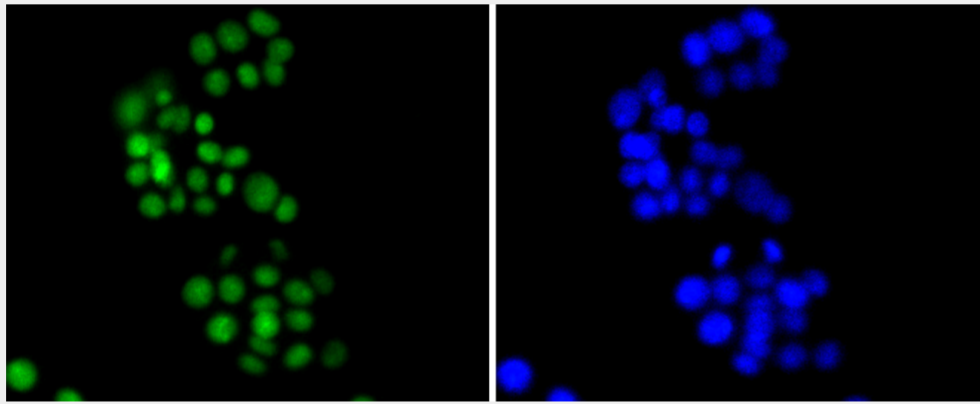
Immunohistochemistry of paraffin-embedded human kidney using HMGB1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using HMGB1 antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of NIH-3T3 cells using HMGB1 antibody.



Immunofluorescence analysis of PC-12 cells using HMGB1 antibody.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!