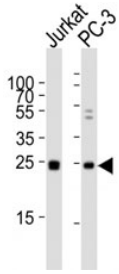
HMGB4 Antibody (F45888)

Catalog No.	Formulation	Size
F45888-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F45888-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Predicted Reactivity	Bovine
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8WW32
Applications	Western Blot : 1:1000
Limitations	This HMGB4 antibody is available for research use only.



Western blot analysis of lysate from human Jurkat and rat PC-3 lysate using HMGB4 antibody diluted at 1:1000.

Description

High Mobility Group (HMG) proteins, a group of chromosomal proteins common to all eukaryotes, bind DNA in a non-sequence-specific fashion to promote chromatin function and gene regulation, helping with transcription, replication, recombination, and DNA repair. HMGB4 is HMG2-like, isoform 2, high-mobility group box 4. This gene can be found on Chromosome 1. HMGB4 contains two HMG-box regions, and is found in a variety of eukaryotic chromosomal proteins. HMGB proteins are phosphorylated to various extents. The existence of differentially modified forms increases the

number of distinct HMGB protein variants in plant chromatin that may be adapted to certain functions.

Application Notes

Titration of the HMGB4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 45-73 from the human protein was used as the immunogen for this HMGB4 antibody.

Storage

Aliquot the HMGB4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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