

HMGB20B Monoclonal antibody, PBS Only

Catalog Number: 67354-1-PBS

Basic Information

Catalog Number:

67354-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6103

GenBank Accession Number:

BC002552

GeneID (NCBI):

10362

UNIPROT ID:

Q9P0W2

Full Name:

high-mobility group 20B

Calculated MW:

36 kDa

Observed MW:

40 kDa

Purification Method:

Protein G purification

CloneNo.:

4C2A9

Applications

Tested Applications:

WB, Indirect ELISA, IHC

Species Specificity:

Human, mouse, rat

Background Information

CoREST (corepressor of repressor element-1-silencing transcription factor) is a chromatin-modifying complex that was first identified as a regulator of neuronal gene expression, having an essential role in neuronal differentiation [PMID:10449787]. The CoREST complex is recruited by REST (RE1-silencing transcription factor) that recognizes the 21-nucleotide RE-1 sequence in the promoter of more than 1,700 different target genes in human and mouse [PMID:15240883]. HMGB20B is one component of the CoREST complex, which mediates chromatin remodeling and repression of specific genes involved in neuronal differentiation through modulation of chromatin structure [PMID:19997604].

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

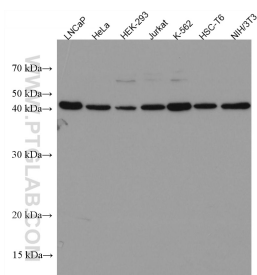
For technical support and original validation data for this product please contact:

T: 4006900926

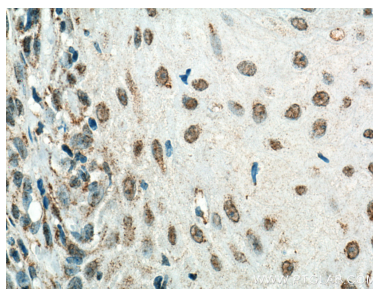
E: Proteintech-CN@ptglab.comW: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67354-1-Ig (HMG20B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67354-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 67354-1-Ig (HMG20B antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67354-1-PBS in a different storage buffer formulation.