

For Research Use Only

USP22 Monoclonal antibody

Catalog Number:60905-1-Ig



Basic Information

Catalog Number:

60905-1-Ig

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG34933

GenBank Accession Number:

NM_015276

GeneID (NCBI):

23326

UNIPROT ID:

Q9UPT9

Full Name:

ubiquitin specific peptidase 22

Calculated MW:

60 kDa

Observed MW:

58 kDa

Purification Method:

Protein G purification

CloneNo.:

3D11H9

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, LNCaP cells, HeLa cells

Background Information

USP22, also named as KIAA1063 and USP3L, belongs to the peptidase C19 family and UBP8 subfamily. It is histone deubiquitinating component of the transcription regulatory histone acetylation (HAT) complex SAGA. USP22 catalyzes the deubiquitination of both histones H2A and H2B, thereby acting as a coactivator. It is recruited to specific gene promoters by activators such as MYC, where it is required for transcription. USP22 is required for nuclear receptor-mediated transactivation and cell cycle progression. USP22 has 2 isoforms with molecular mass of 58kDa and 60 kDa. The antibody is specific to USP22.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

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

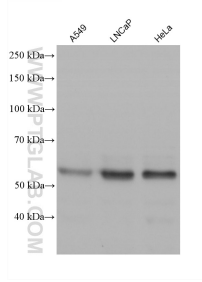
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60905-1-Ig (USP22 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.