

For Research Use Only

UBR5 Monoclonal antibody, PBS Only



Catalog Number: 66937-1-PBS

Featured Product

Basic Information

Catalog Number:

66937-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18753

GenBank Accession Number:

BC137234

GeneID (NCBI):

51366

UNIPROT ID:

O95071

Full Name:

ubiquitin protein ligase E3
component n-recogin 5

Calculated MW:

2799 aa, 309 kDa

Observed MW:

309 kDa

Purification Method:

Protein G purification

CloneNo.:

2E7A6

Applications

Tested Applications:

WB, Indirect ELISA, IHC

Species Specificity:

Human, mouse, rat

Background Information

UBR5, also named as ubiquitin protein ligase E3 component n-recogin5, is a HECT domain-containing protein as a myocardin-binding protein. UBR5 is highly conserved in metazoans, has unique structural features, and has been implicated in regulation of DNA damage response, metabolism, transcription, and apoptosis. Hence, UBR5 is a key regulator of cell signaling relevant to broad areas of cancer biology (PMID: 26464214). The human UBR5 gene has 59 exons, encoding an approximately 10kb mRNA and >300 kDa protein with widespread expression in various cell types.

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:

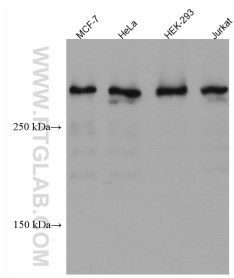
T: 4006900926

E: Proteintech-CN@ptglab.com

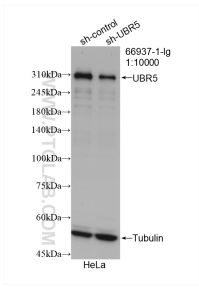
W: ptgcn.com

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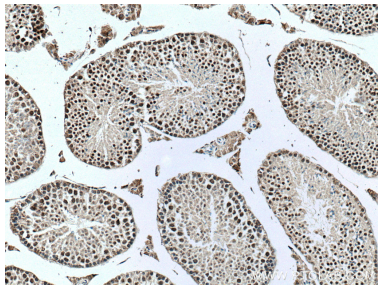
Selected Validation Data



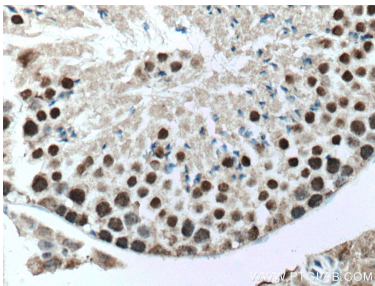
Various lysates were subjected to SDS PAGE followed by western blot with 66937-1-Ig (UBR5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66937-1-PBS in a different storage buffer formulation.



WB result of UBR5 antibody (66937-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-UBR5 transfected HeLa cells. This data was developed using the same antibody clone with 66937-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66937-1-Ig (UBR5 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66937-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66937-1-Ig (UBR5 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66937-1-PBS in a different storage buffer formulation.