

For Research Use Only

UCHL3 Recombinant antibody, PBS Only

Catalog Number: 84542-6-PBS



Basic Information

Catalog Number:

84542-6-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3053

GenBank Accession Number:

BC018125

GeneID (NCBI):

7347

UNIPROT ID:

P15374

Full Name:

ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)

Calculated MW:

26 kDa

Observed MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

242015A10

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, rat

Background Information

UCH-L3 belongs to the ubiquitin C-terminal hydrolase family that deubiquitinates ubiquitin-protein conjugates in the ubiquitin-proteasome system. This enzyme indirectly increases the phosphorylation of IGF1R, AKT, FOXO1 and promotes insulin-signaling and insulin-induced adipogenesis. It is required for stress-response retinal, skeletal muscle and germ cell maintenance and may be involved in working memory.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

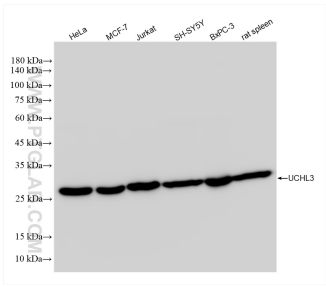
For technical support and original validation data for this product please contact:

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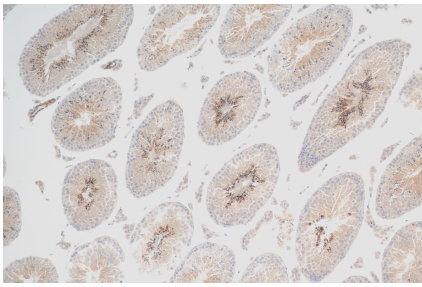
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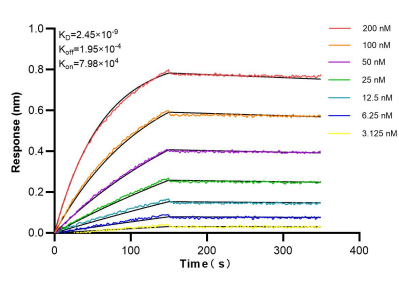
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84542-6-RR (UCHL3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84542-6-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 84542-6-RR (UCHL3 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84542-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84542-6-RR against Human UCHL3 were performed. The affinity constant is 2.45 nM.