

For Research Use Only

UBE2S Recombinant antibody, PBS Only

Catalog Number: 81854-1-PBS



Basic Information

Catalog Number:

81854-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5264

GenBank Accession Number:

BC066948

GeneID (NCBI):

27338

UNIPROT ID:

Q16763

Full Name:

ubiquitin-conjugating enzyme E2S

Calculated MW:

222 aa, 24 kDa

Observed MW:

28 kDa

Purification Method:

Protein A purification

CloneNo.:

6D18

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

UBE2S (Ubiquitin-conjugating enzyme E2 S) is also named as E2EPF and belongs to the ubiquitin-conjugating enzyme family. It acts as an essential factor of the anaphase promoting complex/cyclosome (APC/C) and a cell cycle-regulated ubiquitin ligase that controls progression through mitosis. Overexpression of UBE2S can increase tumor cell proliferation, invasion, and metastasis through the VHL-HIF pathway (PMID:16819549).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

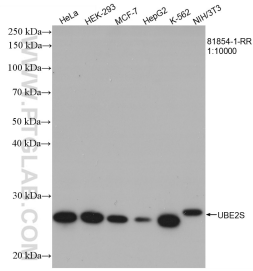
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

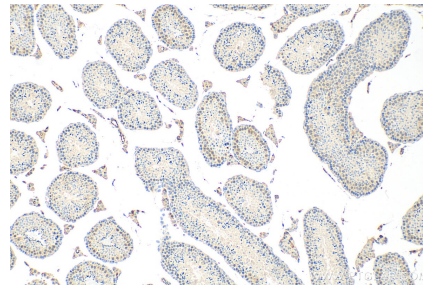
E: proteintech@ptglab.com
W: ptglab.com

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

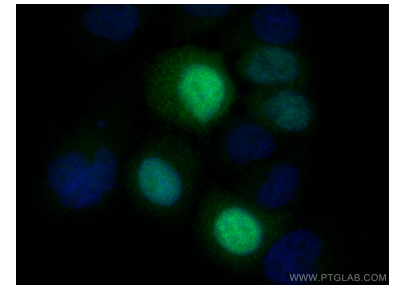
Selected Validation Data



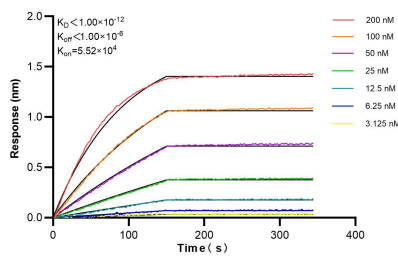
Various lysates were subjected to SDS PAGE followed by western blot with 81854-1-RR (UBE2S antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81854-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 81854-1-RR (UBE2S antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Sodium Citrate buffer (pH 6.0). This data was developed using the same antibody clone with 81854-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed NCCIT cells using UBE2S antibody (81854-1-RR, Clone: 6D18) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 81854-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 81854-1-RR against Human UBE2S were performed. The affinity constant is below 1 pM.