

For Research Use Only

# UBE2S Recombinant antibody

Catalog Number: 81854-1-RR



## Basic Information

Catalog Number: 81854-1-RR	GenBank Accession Number: BC066948	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 27338	CloneNo.: 6D18
Source: Rabbit	UNIPROT ID: Q16763	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF/ICC 1:50-1:500
Isotype: IgG	Full Name: ubiquitin-conjugating enzyme E2S	
Immunogen Catalog Number: AG5264	Calculated MW: 222 aa, 24 kDa Observed MW: 28 kDa	

## Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, MCF-7 cells, HepG2 cells, K-562 cells, NIH/3T3 cells IHC : mouse testis tissue, IF/ICC : NCCIT cells,
Species Specificity: human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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 -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

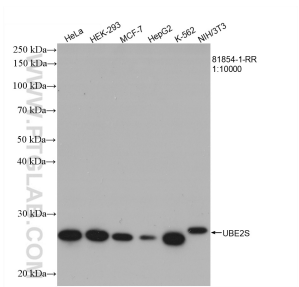
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

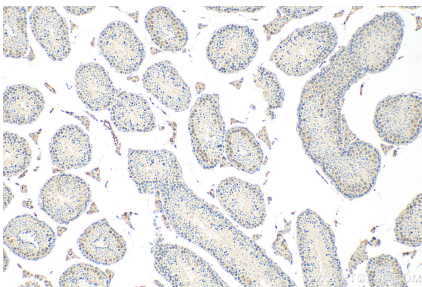
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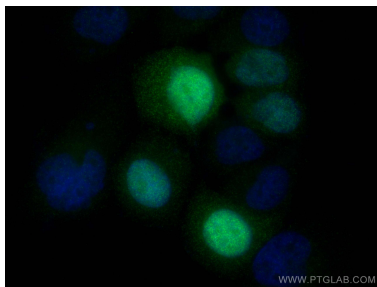
Selected Validation Data



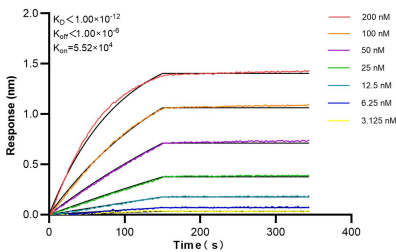
Various lysates were subjected to SDS PAGE followed by western blot with 81854-1-RR (UBE2S antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).



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).



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