

For Research Use Only

# UBE2S Polyclonal antibody

Catalog Number: 18219-1-AP



## Basic Information

<b>Catalog Number:</b> 18219-1-AP	<b>GenBank Accession Number:</b> BC004236	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 600 ug/ml	<b>GeneID (NCBI):</b> 27338	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:150-1:600
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q16763	
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquitin-conjugating enzyme E2S	
<b>Immunogen Catalog Number:</b> AG12978	<b>Calculated MW:</b> 24 kDa <b>Observed MW:</b> 28 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HL-60 cells, COLO 320 cells, MCF-7 cells, MDA-MB-453s cells, mouse ovary tissue
<b>Note-IHC:</b> <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	<b>IHC :</b> human skin cancer tissue, human ovary cancer tissue

## 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:

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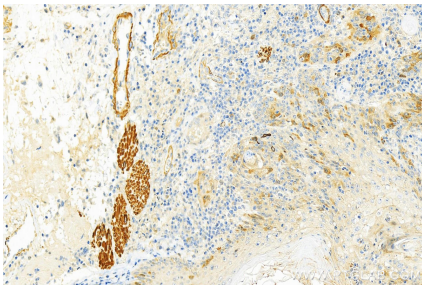
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Selected Validation Data



HL-60 cells were subjected to SDS PAGE followed by western blot with 18219-1-AP (UBE2S antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 18219-1-AP (UBE2S antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 18219-1-AP (UBE2S antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).