

For Research Use Only

UBE2E2 Polyclonal antibody

Catalog Number: 11844-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

11844-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2509

GenBank Accession Number:

BC022332

GeneID (NCBI):

7325

UNIPROT ID:

Q96LR5

Full Name:

ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast)

Calculated MW:

201 aa, 22 kDa

Observed MW:

22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: human thyroid gland tissue, human brain tissue, mouse embryo tissue

IHC: human gliomas tissue,

IF/ICC: HepG2 cells,

Background Information

UBE2E2(ubiquitin-conjugating enzyme E2 E2) is also named as UBC4 and belongs to the ubiquitin-conjugating enzyme family. This gene encodes a 22 kDa protein that functions as a major E2 enzyme raises the possibility that E2 conjugation might use Ubc4-competent Ub E3 enzymes and also function as an E2 for several Ub E3 enzymes, including both HECT E3s and RING E3s(PMID: 15131269).

Notable Publications

Author	Pubmed ID	Journal	Application
Mei-Juan Zhou	28035359	Int J Mol Med	WB
Kate E Coleman	26272819	Genes Dev	WB
Xiaoling Hong	36765041	Cell Death Dis	WB, IHC

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

*** 20ul sizes contain 0.1% BSA

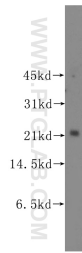
For technical support and original validation data for this product please contact:

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

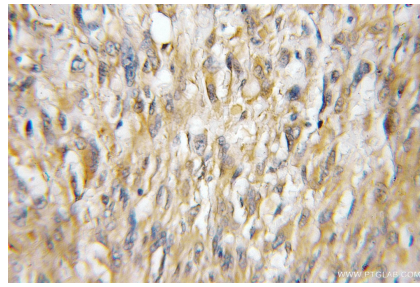
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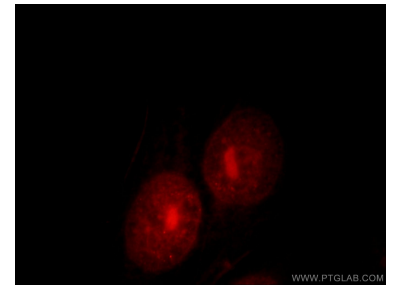
Selected Validation Data



human thyroid gland tissue were subjected to SDS PAGE followed by western blot with 11844-1-AP (UBE2E2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 11844-1-AP (UBE2E2 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of HepG2 cells, using UBE2E2 antibody 11844-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).