For Research Use Only

UBE2O Polyclonal antibody

Catalog Number:15812-1-AP Featured Product 5 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
15812-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG8580

GenBank Accession Number:
BC007822

GeneID (NCBI):
63893

UNIPROT ID:
Q9C0C9

Full Name:
ubiquitin-conjugating enzyme E2O

Calculated MW:
1292 aa, 141 kDa

Observed MW:
150 kDa, 200-230 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:1000
IHC: 1:100-1:400

Applications

Tested Applications:
WB, IHC, ELISA

Cited Applications:
WB, IHC, IF

Species Specificity:
human

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 : HeLa cells, A431 cells, Jurkat cells

IHC : human heart tissue,

Background Information

UBE2O, also named as KIAA1734, belongs to the ubiquitin-conjugating enzyme family. It catalyzes the covalent attachment of ubiquitin to other proteins. UBE2O has a calculated molecular mass of 141 kDa, and many bands can be detected as 140-170 kDa and 200-230 kDa (PMID: 28774900, 23455153, 28774922, 11311559).

Notable Publications

Author	Pubmed ID	Journal	Application
Si-Yu Lan	36269535	Curr Med Sci	IHC,WB
Zhan Shi	34790050	Int J Med Sci	IHC,WB
Xu Liu	31907353	Cell Death Dis	WB,IHC,IF

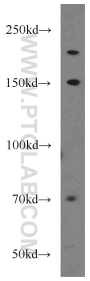
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

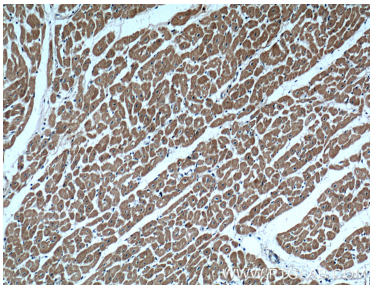
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

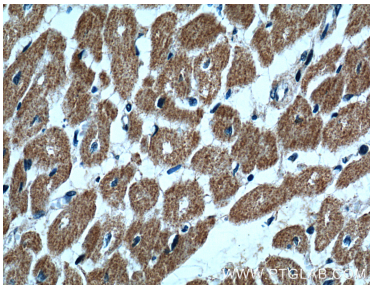
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 15812-1-AP (UBE2O antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 15812-1-AP (UBE2O Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 15812-1-AP (UBE2O Antibody) at dilution of 1:200 (under 40x lens).