

For Research Use Only

UBE2O Polyclonal antibody

Catalog Number: 15812-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

15812-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

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, IF, IHC

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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

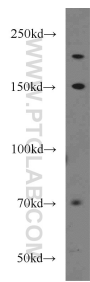
For technical support and original validation data for this product please contact:

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

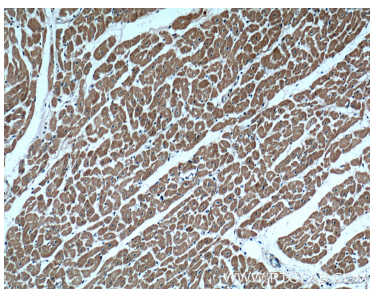
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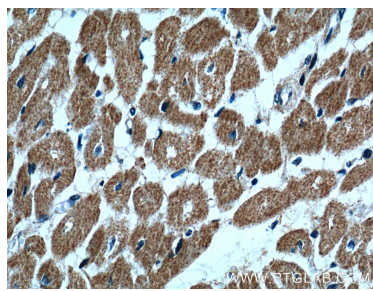
Selected Validation Data



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).