

UBE3A Polyclonal Antibody

Catalog number: 10344-1-AP

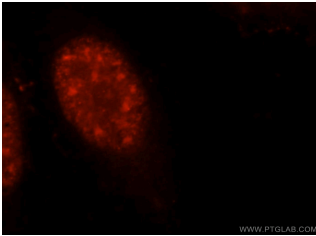
Size: 24 µg/150 µl

Source: Rabbit

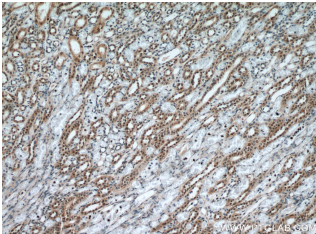
Isotype: IgG

Synonyms:

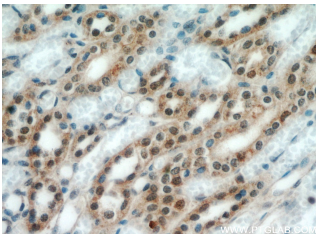
UBE3A; ANCR, AS, E6 AP, E6AP, E6AP ubiquitin protein ligase, EPVE6AP, FLJ26981, HPVE6A, UBE3A, ubiquitin protein ligase E3A



Immunofluorescent analysis of HeLa cells, using UBE3A antibody 10344-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human kidney using 10344-1-AP(UBE3A antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human kidney using 10344-1-AP(UBE3A antibody) at dilution of 1:50 (under 40x lens)

Background

UBE3A(Ubiquitin-protein ligase E3A) is also named as E6AP, EPVE6AP, HPVE6A and belongs to the E3 ubiquitin protein ligase family. It functions as both an E3 ligase in the ubiquitin proteasome pathway and as a transcriptional coactivator. It is also initially identified as a cellular protein that mediates in vitro association of the human papillomavirus E6 protein with p53, leading to the ubiquitin-dependent degradation of p53(PMID:1661671). Defects in UBE3A are a cause of Angelman syndrome (AS)(PMID:10508479). It has 3 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated UBE3A MW:	852aa, 98 kDa
Observed UBE3A MW:	100kd
Positive WB detected in	Mouse brain tissue, Jurkat cells, K-562 cells, mouse lung tissue
Positive IP detected in	Mouse brain tissue
Positive IHC detected in	Human kidney tissue, human lung tissue, mouse kidney tissue
Positive IF detected in	Hela cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:1000 IHC: 1:20-1:200 IF: 1:10-1:100

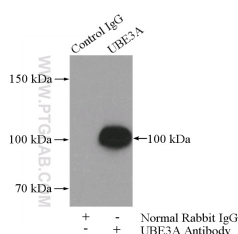
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0346
GenBank accession number:	BC002582
Gene ID (NCBI):	7337
Full name:	Ubiquitin protein ligase E3A

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10344-1-AP(UBE3A antibody) at dilution of 1:1000

IP Result of anti-UBE3A (IP:10344-1-AP, 4ug; Detection:10344-1-AP 1:300) with mouse brain tissue lysate 4000ug.