

UBE2D1-Specific Polyclonal Antibody

Catalog number: 11373-1-AP

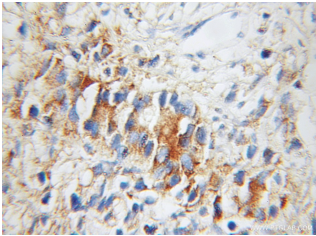
Size: 20 µg/150 µl

Source: Rabbit

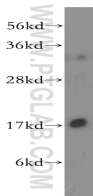
Isotype: IgG

Synonyms:

UBE2D1; E2(17)KB1, SFT, Stimulator of Fe transport, UBC4/5, UBC4/5 homolog, UBC5A, UBCH5, UBCH5A, UBE2D1, Ubiquitin carrier protein D1, Ubiquitin protein ligase D1



Immunohistochemical of paraffin-embedded human prostate cancer using 11373-1-AP (UBE2D1 antibody) at dilution of 1:50 (under 10x lens)



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 11373-1-AP (UBE2D1 antibody) at dilution of 1:300



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 11373-1-AP (UBE2D1 antibody) at dilution of 1:500. (Data provided by Angran Biotech (www.miRNAlab.com)).

Background

UBE2D1 (Ubiquitin-conjugating enzyme E2 D1) is also named as SFT, UBC5A, UBCH5, UBCH5A and belongs to the ubiquitin-conjugating enzyme family. It regulates DAPK3 accumulation in promyelocytic leukemia protein nuclear body (PML-NB) by interacting with DAPK3 and stimulating its ubiquitination. It is a promiscuous E2 enzyme with an innate preference for forming polyubiquitin chains through lysine 11 (K11), lysine 48 (K48), and lysine 63 (K63) of ubiquitin (PMID:21396940). This antibody is specific to UBE2D1.

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated UBE2D1-Specific MW:	17 kDa
Observed UBE2D1-Specific MW:	17 kDa
Positive WB detected in	Mouse thymus tissue, HeLa cells, NIH/3T3
Positive IHC detected in	Human prostate cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag1932
GenBank accession number:	BC015997
Gene ID (NCBI):	7321
Full name:	Ubiquitin-conjugating enzyme E2D 1 (UBC4/5 homolog, yeast)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.