

CDC34 Polyclonal Antibody

Catalog number: 10964-2-AP

Size: 36 µg/150 µl

Source: Rabbit

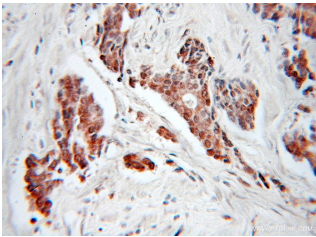
Isotype: IgG

Synonyms:

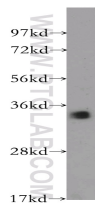
CDC34; CDC34, E2 CDC34,

UBC3, UBCH3, UBE2R1,

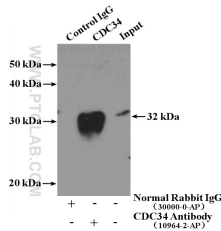
Ubiquitin protein ligase 21



Immunohistochemical of paraffin-embedded human prostate cancer using 10964-2-AP(CDC34 antibody) at dilution of 1:100 (under 10x lens)



human pancreas tissue were subjected to SDS PAGE followed by western blot with 10964-2-AP(CDC34 antibody) at dilution of 1:300



IP Result of anti-CDC34 (IP:10964-2-AP, 4µg; Detection:10964-2-AP 1:500) with mouse testis tissue lysate 4000µg.

Background

CDC34 is also named as UBCH3, UBE2R1(Ubiquitin-conjugating enzyme E2 R1) and belongs to the ubiquitin-conjugating enzyme family. Cdc34 enzyme is itself a substrate for the type of polyubiquitin modification that is known to cause targeting of proteins for degradation. It is phosphorylated in vivo, providing yet another potential means for control of its activity. And the predominantly nuclear localization of this enzyme suggests that substrate molecules relevant to its cell cycle function are similarly located within the nucleus(PMID:8164658). Human CDC34 could substitute efficiently for yeast CDC34(PMID:8248134). It can form a homodimer(PMID:8383676).

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated CDC34 MW:	34 kDa
Observed CDC34 MW:	34 kDa
Positive WB detected in:	Human pancreas tissue, human brain tissue
Positive IP detected in:	Mouse testis tissue
Positive IHC detected in:	Human prostate cancer tissue
Recommended dilution:	WB: 1:200-1:1000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag1438
GenBank accession number:	BC009850
Gene ID (NCBI):	997
Full name:	Cell division cycle 34 homolog (<i>S. cerevisiae</i>)

Product information

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