

## UCHL3 Polyclonal Antibody

Catalog number: 12384-1-AP

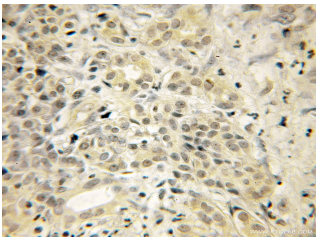
Size: 25 µg/150 µl

Source: Rabbit

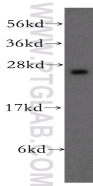
Isotype: IgG

Synonyms:

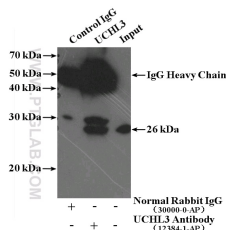
UCHL3; Ubiquitin carboxyl terminal hydrolase isozyme L3, Ubiquitin thioesterase L3, UCHL3, UCH-L3



Immunohistochemical of paraffin-embedded human pancreas cancer using 12384-1-AP (UCHL3 antibody) at dilution of 1:50 (under 10x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 12384-1-AP (UCHL3 antibody) at dilution of 1:500



IP Result of anti-UCHL3 (IP:12384-1-AP, 4µg; Detection:12384-1-AP 1:500) with HeLa cells lysate 1600µg.

### Background

UCH-L3 belongs to the ubiquitin C-terminal hydrolase family that deubiquitinates ubiquitin-protein conjugates in the ubiquitin-proteasome system. This enzyme indirectly increases the phosphorylation of IGF1R, AKT, FOXO1 and promotes insulin-signaling and insulin-induced adipogenesis. It is required for stress-response retinal, skeletal muscle and germ cell maintenance and may be involved in working memory.

### Applications

Tested applications:	ELISA, WB, IHC, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated UCHL3 MW:	26 kDa
Observed UCHL3 MW:	26 kDa
Positive WB detected in	HeLa cells, Jurkat cells, rat spleen tissue
Positive IP detected in	HeLa cells
Positive IHC detected in	Human pancreas cancer tissue
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

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

### Immunogen information

Immunogen:	Ag3053
GenBank accession number:	BC018125
Gene ID (NCBI):	7347
Full name:	Ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)

### Product information

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