

UCHL5 Polyclonal Antibody

Catalog number: 11527-1-AP

Size: 20 µg/150 µl

Source: Rabbit

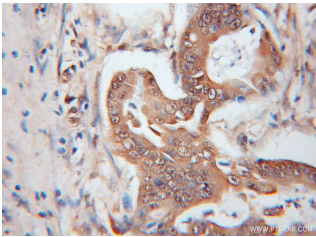
Isotype: IgG

Synonyms:

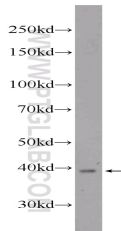
UCHL5; CGI 70, INO80R,

Ubiquitin thioesterase L5, UCH

L5, UCH37, UCHL5



Immunohistochemical of paraffin-embedded human colon cancer using 11527-1-AP(UCHL5 antibody) at dilution of 1:100 (under 10x lens)



mouse colon tissue were subjected to SDS PAGE followed by western blot with 11527-1-AP(UCHL5 Antibody) at dilution of 1:300

Background

UCHL5(Ubiquitin carboxyl-terminal hydrolase isozyme L5) is also named as UCH37 and belongs to the peptidase C12 family. It is functionally linked with multiple protein complexes and signal transduction pathways. Uch37's weight average molecular weight increases as a function of its concentration. By size-exclusion chromatography, the apparent molecular weight of Uch37 was 51, 56, 70, and 109 kDa at 0.15, 0.69, 2.4, and 9.5 mg/mL, respectively. Given Uch37's monomeric molecular weight of 37 kDa and its apparent elongated shape, its tendency toward an apparent molecular weight between 40 and 50 kDa at decreasing concentrations is appropriate for Uch37 monomers(PMID:21953935).

Applications

Tested applications:	ELISA, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated UCHL5 MW:	326aa, 37 kDa
Observed UCHL5 MW:	38 kDa
Positive WB detected in	Mouse colon tissue, mouse brain tissue
Positive IHC detected in	Human colon cancer tissue, mouse brain tissue
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag2095
GenBank accession number:	BC025369
Gene ID (NCBI):	51377
Full name:	Ubiquitin carboxyl-terminal hydrolase L5

Product information

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