

USP3 Polyclonal Antibody

Catalog number: 12490-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

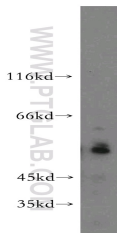
Synonyms:

USP3; Deubiquitinating enzyme

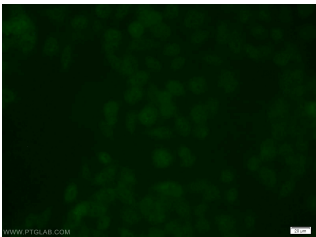
3, SIH003, ubiquitin specific

peptidase 3, Ubiquitin

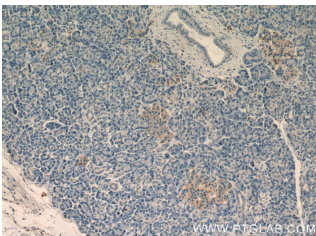
thiolesterase 3, UBP, USP3



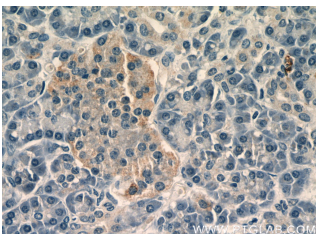
K-562 cells were subjected to SDS PAGE followed by western blot with 12490-1-AP(USP3 antibody) at dilution of 1:500



Immunofluorescent analysis of MCF-7 cells using 12490-1-AP(USP3 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human pancreas tissue slide using 12490-1-AP(USP3 Antibody) at dilution of 1:50 (under 10x lens)



Background

USP3(Ubiquitin carboxyl-terminal hydrolase 3) belongs to the peptidase C19 family. It may regulate the DNA damage response (DDR) checkpoint through deubiquitination of H2A at DNA damage sites. USP3 is implicated as a novel chromatin modifier in the maintenance of genome integrity. This protein has 2 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, IHC, IF, WB, IP
Species specificity:	Human, Mouse; other species not tested.
Calculated USP3 MW:	520aa,59 kDa
Observed USP3 MW:	53-59 kDa
Positive WB detected in	K-562 cells, RAW 264.7 cells
Positive IP detected in	Mouse liver tissue
Positive IHC detected in	Human pancreas tissue
Positive IF detected in	MCF-7 cells
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200
	IF: 1:10-1:100

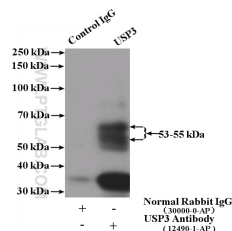
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3085
GenBank accession number:	BC018113
Gene ID (NCBI):	9960
Full name:	Ubiquitin specific peptidase 3

Product information

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



Immunohistochemistry of
paraffin-embedded human
pancreas tissue slide using
12490-1-AP(USP3 Antibody)
at dilution of 1:50 (under 40x
lens)

IP Result of anti-USP3
(IP:12490-1-AP, 4ug;
Detection:12490-1-AP 1:500)
with mouse liver tissue lysate
4000ug.