

USP2 Polyclonal Antibody

Catalog number: 10392-1-AP

Size: 41 µg/150 µl

Source: Rabbit

Isotype: IgG

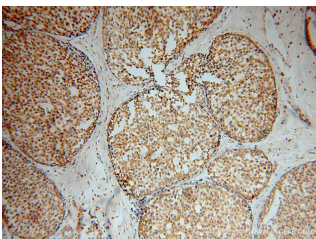
Synonyms:

USP2; Deubiquitinating enzyme

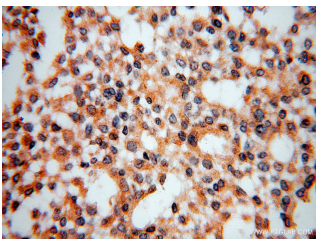
2, ubiquitin specific peptidase 2,

Ubiquitin thiolesterase 2,

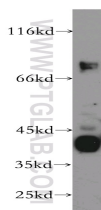
UBP41, USP2, USP9



Immunohistochemical of paraffin-embedded human breast cancer using 10392-1-AP (USP2 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human breast cancer using 10392-1-AP (USP2 antibody) at dilution of 1:50 (under 40x lens)



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10392-1-AP (USP2 antibody) at dilution of 1:500

Background

Ubiquitin, a highly conserved protein involved in the regulation of intracellular protein breakdown, cell cycle regulation, and stress response, is released from degraded proteins by disassembly of the polyubiquitin chains. The disassembly process is mediated by ubiquitin-specific proteases (USPs). USP2 is also named as UBP41. USP2 can interact indirectly with multiple clock proteins, so it remains possible that USP2 may modulate the ubiquitination and function of these other proteins. It has 4 isoforms produced by alternative splicing. This antibody is specific to the isoform 1 (USP2a) of USP2.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, rat
Calculated USP2 MW:	41 kDa, 69 kDa
Observed USP2 MW:	69kd
Positive WB detected in	Mouse brain tissue, MCF7 cells, mouse kidney tissue, rat brain tissue
Positive IHC detected in	Human breast cancer tissue, human prostate cancer tissue, human skeletal muscle 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:	Ag0591
GenBank accession number:	BC002955
Gene ID (NCBI):	9099
Full name:	Ubiquitin specific peptidase 2

Product information

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