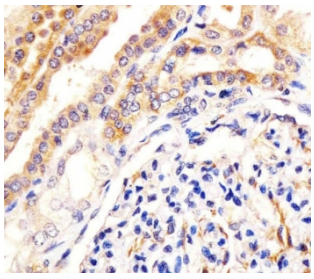
USP2 Antibody (F54760)

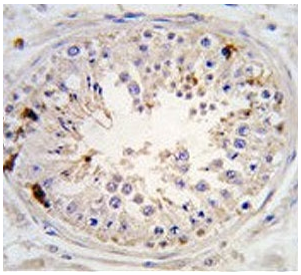
Catalog No.	Formulation	Size
F54760-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54760-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

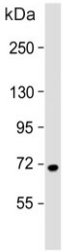
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O75604
Localization	Cytoplasmic, nuclear
Applications	Immunohistochemistry (FFPE): 1:50-1:100 Western blot: 1:1000-1:2000
Limitations	This USP2 antibody is available for research use only.



IHC testing of FFPE human kidney tissue with USP2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human testis tissue with USP2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human HeLa cell lysate with USP2 antibody. Predicted molecular weight ~68 kDa.

Description

USP2, an ubiquitin-specific protease, is selectively up regulated in bone by the osteotropic agents PTH, PTHrP and PGE2 and possibly via the PKA/cAMP pathway. It is also thought to play a role in the recycling of ubiquitin by hydrolysis of branched poly-ubiquitin from linear poly-ubiquitin chains, production of free ubiquitin from linear poly-ubiquitin chains and from certain ribosomal ubiquitin fusion proteins.

Application Notes

The stated application concentrations are suggested starting points. Titration of the USP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 508-538 from the human protein was used as the immunogen for the USP2 antibody.

Storage

Aliquot the USP2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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