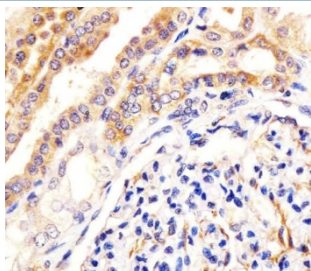


## USP2 Antibody (F54760)

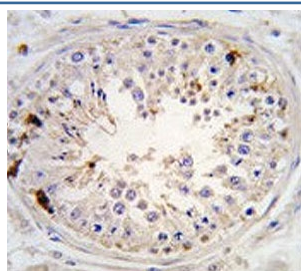
Catalog No.	Formulation	Size
F54760-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54760-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

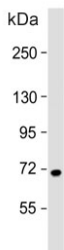
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	O75604
<b>Localization</b>	Cytoplasmic, nuclear
<b>Applications</b>	Immunohistochemistry (FFPE) : 1:50-1:100 Western Blot : 1:1000-1:2000
<b>Limitations</b>	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 -20°C or colder. Avoid repeated freeze-thaw cycles.