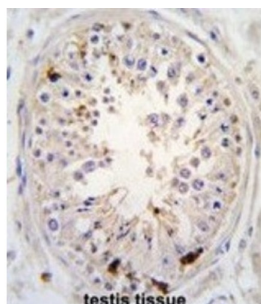


## Ubiquitin Carboxyl-Terminal Hydrolase 2 (USP2) Antibody

Catalogue No.: abx031540



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.

**Target:** Ubiquitin Carboxyl-Terminal Hydrolase 2 (USP2)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/2000, IHC-P: 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

# Datasheet

Version: 2.0.0  
Revision date: 01 Sep 2025



<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	KLH-conjugated synthetic peptide between 508-538 amino acids from the C-terminal region of human USP2.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	O75604 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>NCBI Accession:</b>	NP_001230688.1, NP_004196.4, NP_741994.1
<b>KEGG:</b>	hsa:9099
<b>String:</b>	<a href="#">9606.ENSP00000260187</a>
<b>Molecular Weight:</b>	Calculated MW: 68.1 kDa
<b>Buffer:</b>	PBS containing 0.09% sodium azide.
<b>Specificity:</b>	Predicted to react with Mouse, Rat and Cow USP2.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.