

## USP2 Antibody

Catalog No: #36169

Package Size: #36169 100ul

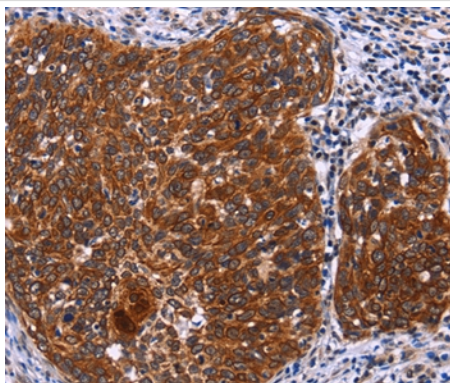
## Description

Product Name	USP2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total USP2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human ubiquitin specific peptidase 2
Conjugates	Unconjugated
Target Name	USP2
Other Names	USP9; UBP41
Accession No.	Swiss-Prot#: O75604NCBI Gene ID: 9099Gene Accssion: BC002854
Concentration	1.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

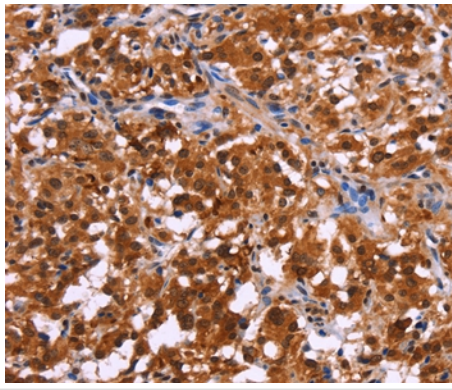
## Application Details

Immunohistochemistry: 1:50-1:200

## Images



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36169 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36169 at dilution 1/40.

## Background

This gene encodes a member of the family of de-ubiquitinating enzymes, which belongs to the peptidase C19 superfamily. The encoded protein is a ubiquitin-specific protease which is required for TNF-alpha (tumor necrosis factor alpha) -induced NF-kB (nuclear factor kB) signaling. This protein deubiquitinates polyubiquitinated target proteins such as fatty acid synthase, murine double minute 2 (MDM2), MDM4/MDMX and cyclin D1. MDM2 and MDM4 are negative regulators of the p53 tumor suppressor and cyclin D1 is required for cell cycle G1/S transition. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.

## Published Papers

el at., Roxadustat ameliorates experimental colitis in mice by regulating macrophage polarization through increasing HIF level. In *Biochim Biophys Acta Gen Subj* on 2024 Mar by Guiping Kong, Hu Hua,et al..PMID:38158022, , (2024)

[PMID:38158022](#)

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.