



# USP48 rabbit pAb

Cat No.:ES7738

For research use only

## Overview

<b>Product Name</b>	USP48 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human USP48. AA range:631-680
<b>Specificity</b>	USP48 Polyclonal Antibody detects endogenous levels of USP48 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Ubiquitin carboxyl-terminal hydrolase 48
<b>Gene Name</b>	USP48
<b>Cellular localization</b>	Cytoplasm . Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	120kD
<b>Human Gene ID</b>	84196
<b>Human Swiss-Prot Number</b>	Q86UV5
<b>Alternative Names</b>	USP48; USP31; Ubiquitin carboxyl-terminal hydrolase 48; Deubiquitinating enzyme 48; Ubiquitin thioesterase 48; Ubiquitin-specific-processing protease 48
<b>Background</b>	This gene encodes a protein containing domains that associate it with the peptidase family C19, also known as family 2 of ubiquitin carboxyl-terminal





hydrolases. Family members function as deubiquitinating enzymes, recognizing and hydrolyzing the peptide bond at the C-terminal glycine of ubiquitin. Enzymes in peptidase family C19 are involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using USP48 Antibody. The picture on the right is blocked with the synthesized peptide.

