

USP48 rabbit pAb

Cat No.:ES7738

For research use only

Overview

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



+86-27-59760950

ELKbio@ELKbiotech.com

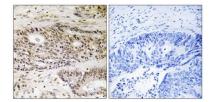
www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



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.





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