

<b>Cat. No:</b>	ABN19684
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human USP48. AA range:631-680
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Applications:</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
<b>Molecular Weight:</b>	120kDa
<b>Purification:</b>	Affinity purification
<b>Synonyms:</b>	USP48; USP31; Ubiquitin carboxyl-terminal hydrolase 48; Deubiquitinating enzyme 48; Ubiquitin thioesterase 48; Ubiquitin-specific-processing protease 48
<b>Background:</b>	<p>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],catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,caution:Was named USP31 by some authors (PubMed:15354349 and PubMed:17081983).,function:Recognizes and hydrolyzes the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins. May be involved in the regulation of NF-kappa-B activation by TNF receptor superfamily via its interactions with RELA and TRAF2. May also play a regulatory role at post-synaptic sites.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the peptidase C19 family.,similarity:Contains 1 ubiquitin-like domain.,similarity:Contains 3 DUSP domains.,subunit:Interacts with TRAF2 and RELA.,tissue specificity:Widely expressed.,</p>
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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