

## Anti-UBP6 antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to UBP6
<b>Model</b>	STJ191582
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA, WB
<b>Gene ID</b>	<a href="#">9098</a>
<b>Gene Symbol</b>	<a href="#">USP6</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	UBP6 Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Testis specific. Expressed in various cancer cell lines.
<b>Purification</b>	UBP6 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Ubiquitin carboxyl-terminal hydrolase 6 Deubiquitinating enzyme 6 Proto-oncogene TRE-2 Ubiquitin thioesterase 6 Ubiquitin-specific-processing protease 6
<b>Molecular Weight</b>	154 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG

<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="https://www.ebi.ac.uk/ENSP/entry/HGNC:12629OMIM:604334">HGNC:12629OMIM:604334</a>
<b>Alternative Names</b>	Ubiquitin carboxyl-terminal hydrolase 6 Deubiquitinating enzyme 6 Proto-oncogene TRE-2 Ubiquitin thioesterase 6 Ubiquitin-specific-processing protease 6
<b>Function</b>	Deubiquitinase with an ATP-independent isopeptidase activity, cleaving at the C-terminus of the ubiquitin moiety. Catalyzes its own deubiquitination. In vitro, isoform 2, but not isoform 3, shows deubiquitinating activity. Promotes plasma membrane localization of ARF6 and selectively regulates ARF6-dependent endocytic protein trafficking. Is able to initiate tumorigenesis by inducing the production of matrix metalloproteinases following NF-kappa-B activation.
<b>Sequence and Domain Family</b>	The Rab-GAP TBC domain lacks GTPase activator activity but is necessary for interaction with ARF6.
<b>Cellular Localization</b>	Cell membrane. Cytoplasm. Endosome. Localizes to the plasma membrane and to filamentous structures within the cell corresponding to ARF6 regulated tubular endosomes. Activation of RAC1 and CDC42 can direct the relocalization of USP6 to the plasma membrane in a manner that depends on the integrity of the actin cytoskeleton.
<b>Post-translational Modifications</b>	Monubiquitinated; ubiquitination is calmodulin and calcium dependent.