

## Anti-USP48 antibody

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| <b>Description</b>        | Rabbit polyclonal to USP48.                                                                                                                                                                            |
| <b>Model</b>              | STJ96208                                                                                                                                                                                               |
| <b>Host</b>               | Rabbit                                                                                                                                                                                                 |
| <b>Reactivity</b>         | Human, Mouse, Rat                                                                                                                                                                                      |
| <b>Applications</b>       | ELISA, IHC                                                                                                                                                                                             |
| <b>Immunogen</b>          | Synthesized peptide derived from human USP48                                                                                                                                                           |
| <b>Immunogen Region</b>   | 600-680 aa, Internal                                                                                                                                                                                   |
| <b>Gene ID</b>            | <a href="#">84196</a>                                                                                                                                                                                  |
| <b>Gene Symbol</b>        | <a href="#">USP48</a>                                                                                                                                                                                  |
| <b>Dilution range</b>     | IHC 1:100-1:300ELISA 1:5000                                                                                                                                                                            |
| <b>Specificity</b>        | USP48 Polyclonal Antibody detects endogenous levels of USP48 protein.                                                                                                                                  |
| <b>Tissue Specificity</b> | Widely expressed.                                                                                                                                                                                      |
| <b>Purification</b>       | The 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 48 Deubiquitinating enzyme 48 Ubiquitin thioesterase 48 Ubiquitin-specific peptidase 48 Ubiquitin-specific protease 48 Ubiquitin-specific-processing protease 48 |
| <b>Molecular Weight</b>   | 119.032 kDa                                                                                                                                                                                            |
| <b>Clonality</b>          | Polyclonal                                                                                                                                                                                             |

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| <b>Conjugation</b>           | Unconjugated                                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>               | IgG                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Formulation</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA 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="#">HGNC:18533OMIM:617445</a>                                                                                                                                                                                                                                                                                                                                     |
| <b>Alternative Names</b>     | Ubiquitin carboxyl-terminal hydrolase 48 Deubiquitinating enzyme 48 Ubiquitin thioesterase 48 Ubiquitin-specific peptidase 48 Ubiquitin-specific protease 48 Ubiquitin-specific-processing protease 48                                                                                                                                                                    |
| <b>Function</b>              | 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 postsynaptic sites. |
| <b>Cellular Localization</b> | Cytoplasm Nucleus                                                                                                                                                                                                                                                                                                                                                         |

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