

USP21 rabbit monoclonal antibody

Catalog # H00027005-K

Size 100 ug x up to 3

Specification

| | |
|-------------------------|--|
| Product Description | Rabbit monoclonal antibody raised against a human USP21 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human USP21 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. |
| Host | Rabbit |
| Library Construction | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| Expression | Overexpression vector and transfection into 293H cell line. |
| Reactivity | Human |
| Purification | Protein A |
| Isotype | IgG |
| Quality Control Testing | Antibody reactive against human USP21 peptide by ELISA and mammalian transfected lysate by Western Blot. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| Deliverable | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| Note | 1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — USP21

Entrez GeneID [27005](#)

GeneBank Accession# [USP21](#)

Gene Name USP21

Gene Alias MGC3394, USP16, USP23

Gene Description ubiquitin specific peptidase 21

Omim ID [604729](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the C19 peptidase family, also known as family 2 of ubiquitin carboxy-terminal hydrolases. The encoded protein cleaves ubiquitin from ubiquitinated proteins for recycling in intracellular protein degradation. The encoded protein is also able to release NEDD8, a ubiquitin-like protein, from NEDD8-conjugated proteins. This gene has been referred to as USP16 and USP23 but is now known as USP21. Alternatively spliced transcript variants have been described. [provided by RefSeq]

Other Designations NEDD8-specific protease|deubiquitinating enzyme 21|ubiquitin carboxyl-terminal hydrolase 21|ubiquitin specific protease 21|ubiquitin thiolesterase 21|ubiquitin-specific processing protease 21|ubiquitin-specific protease 16|ubiquitin-specific protease 21