For Research Use Only

USP21 Recombinant monoclonal antibody

Catalog Number:87962-1-RR

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Basic Information

Catalog Number:
87962-1-RR

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG12316

GenBank Accession Number:
BC090946

GeneID (NCBI):
27005

UNIPROT ID:
Q9UK80

Full Name:
ubiquitin specific peptidase 21

Calculated MW:
565 aa, 63 kDa

Observed MW:
59 kDa

Purification Method:
Protein A purification

CloneNo.:
260026G9

Recommended Dilutions:
WB: 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : HeLa cells, DU 145 cells, PC-3 cells, A549 cells, EC109 cells, RAW264.7 cells, rat thymus tissue

Background Information

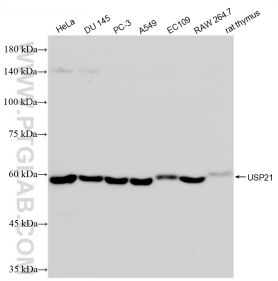
USP21(Ubiquitin carboxyl-terminal hydrolase 21) is also named as USP23.The USPs belong to a subclass of the protein-deubiquitinating enzyme (DUB) superfamily that are categorized into five subclasses based on their ubiquitin-protease domains in the human genome and have been shown to be involved in a broad range of biological activities(PMID:19910467). USP21 is expressed at different levels in the tissues examined. The highest level of USP21 expression is found in the heart, pancreas, and skeletal muscle. USP21 messages could also be detected in the brain, placenta, liver, and kidney but are very low in the Lung through the northern blot(PMID:10799498).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87962-1-RR (USP21 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.