

USP6 (aa142-155) Antibody (internal region, near N-Term)
Peptide-affinity purified goat antibody
Catalog # AF3760a

Specification

USP6 (aa142-155) Antibody (internal region, near N-Term) - Product Information

Application	E
Primary Accession	P35125
Other Accession	NP_004496.2 , 9098 , 237898 (mouse)
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	158658

USP6 (aa142-155) Antibody (internal region, near N-Term) - Additional Information

Gene ID 9098

Other Names

Ubiquitin carboxyl-terminal hydrolase 6, 3.4.19.12, Deubiquitinating enzyme 6, Proto-oncogene TRE-2, Ubiquitin thioesterase 6, Ubiquitin-specific-processing protease 6, USP6, HRP1, TRE2

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

USP6 (aa142-155) Antibody (internal region, near N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

USP6 (aa142-155) Antibody (internal region, near N-Term) - Protein Information

Name USP6

Synonyms HRP1, TRE2

Function

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. May act as a GTPase-activating protein for RAB3A (PubMed:19077034).

Cellular Location

Cell membrane. Cytoplasm. Endosome. Note=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 relocation of USP6 to the plasma membrane in a manner that depends on the integrity of the actin cytoskeleton

Tissue Location

Testis specific. Expressed in various cancer cell lines.

USP6 (aa142-155) Antibody (internal region, near N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

USP6 (aa142-155) Antibody (internal region, near N-Term) - Images

USP6 (aa142-155) Antibody (internal region, near N-Term) - Background

This antibody is expected NOT to cross react to USP32 or to the TBC1D3 proteins.

USP6 (aa142-155) Antibody (internal region, near N-Term) - References

TRE17/USP6 oncogene translocated in aneurysmal bone cyst induces matrix metalloproteinase production via activation of NF-kappaB. Ye Y, Pringle LM, Lau AW, Riquelme DN, Wang H, Jiang T, Lev D, Welman A, Blobel GA, Oliveira AM, Chou MM. Oncogene. 2010 Jun 24;29(25):3619-29. PMID: 20418905