10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

USP32 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21949a

Product Information

Application	WB, E
Primary Accession	Q8NFA0
Reactivity	Human
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54370
Calculated MW	181656

Additional Information

Gene ID	84669
Other Names	Ubiquitin carboxyl-terminal hydrolase 32, 3.4.19.12, Deubiquitinating enzyme 32, Renal carcinoma antigen NY-REN-60, Ubiquitin thioesterase 32, Ubiquitin-specific-processing protease 32, USP32, USP10
Target/Specificity	This USP32 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 438-470 amino acids from human USP32.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	USP32 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	USP32
Synonyms	USP10
Function	Deubiquitinase that can remove conjugated ubiquitin from target proteins,

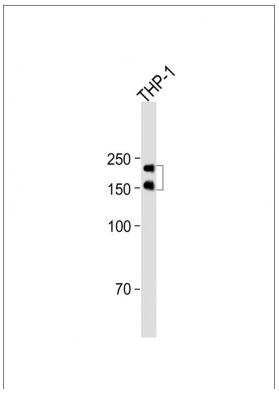
such as RAB7A and LAMTOR1 (PubMed:36476874). Acts as a positive regulator of the mTORC1 signaling by mediating deubiquitination of LAMTOR1, thereby promoting the association between LAMTOR1 and the lysosomal V-ATPase complex and subsequent activation of the mTORC1 complex (PubMed:36476874).

Cellular Location Golgi apparatus membrane; Lipid-anchor

References

Paulding C.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 100:2507-2511(2003).
Sha J.H.,et al.Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases.
Zody M.C.,et al.Nature 440:1045-1049(2006).
Scanlan M.J.,et al.Int. J. Cancer 83:456-464(1999).
Olsen J.V.,et al.Cell 127:635-648(2006).

Images



All lanes: Anti-USP32 Antibody (N-Term) at 1:2000 dilution + THP-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 180, 150 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.