

Human Otubain-2/OTUB2 antibody

Catalog Number: ATGA0511

PRODUCT INFORMATION

Catalog number

ATGA0511

Clone No.

AT1F8

Product type

Monoclonal Antibody

UnitProt No.

Q96DC9

NCBI Accession No.

NP_075601

Alternative Names

ubiquitin thioesterase OTuB2, OTB2, OTu2, TimntanOTUB2 aUgitin thioesterase 2

PRODUCT SPECIFICATION

Antibody Host

Mouse

Reacts With

Human

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen

Recombinant human OTUB2 (1-234aa) purified from E. coli

Isotype

IgG1 kappa

Purification Note

By protein-A affinity chromatography

Application

ELISA, WB

Usage

The antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Storage

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Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

OTUB2 (Ubiquitin thioesterase OTUB2) belongs to the peptidase C65 family. OTUB2 functions as a hydrolase that can remove conjugated ubiquitin from proteins in vitro and may therefore play an important regulatory role at the level of protein turnover by preventing degradation.

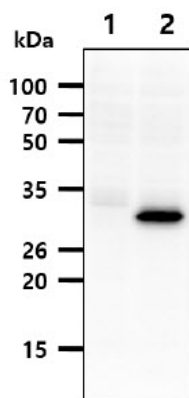
General References

Balakirev MY, et al. (2003) EMBO Rep 4 (5): 517-22.

Edelmann M.J., et al. (2009) Biochem. J. 418:379-390.

DATA

Western blot analysis (WB)



The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human OTUB2 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Lane 1.: 293T cell lysate

Lane 2.: OTUB2 transfected 293T cell lysate