

Product datasheet for TA379528

OTUB1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, WB

Recommended Dilution: WB,1:500 - 1:2000

IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of

human OTUB1 (NP_060140.2).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 31kDa/35kDa

Gene Name: OTU deubiquitinase, ubiquitin aldehyde binding 1

Database Link: Entrez Gene 55611 Human

Q96FW1

Background: The product of this gene is a member of the OTU (ovarian tumor) superfamily of predicted

cysteine proteases. The encoded protein is a highly specific ubiquitin iso-peptidase, and cleaves ubiquitin from branched poly-ubiquitin chains but not from ubiquitinated substrates. It interacts with another ubiquitin protease and an E3 ubiquitin ligase that inhibits cytokine gene transcription in the immune system. It is proposed to function in specific ubiquitin-dependent pathways, possibly by providing an editing function for polyubiquitin chain

growth. Alternative splicing results in multiple transcript variants.



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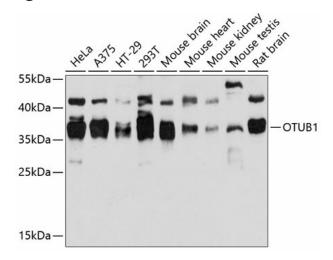
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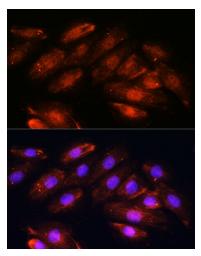
Synonyms:

FLJ20113; FLJ40710; hOTU1; HSPC263; MGC4584; MGC111158; OTB1; OTU1; Otubain-1

Product images:

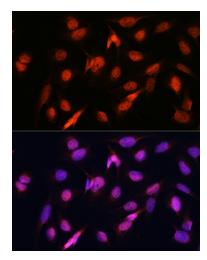


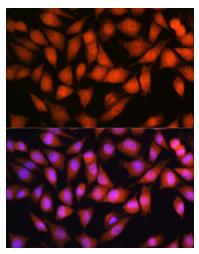
Western blot analysis of extracts of various cell lines, using OTUB1 antibody (TA379528) at 1:3000 dilution. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST. |Detection: ECL Basic Kit. |Exposure time: 15s.



Immunofluorescence analysis of H9C2 cells using OTUB1 antibody (TA379528) at dilution of 1:100. Blue: DAPI for nuclear staining.







Immunofluorescence analysis of U2OS cells using OTUB1 antibody (TA379528) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of L929 cells using OTUB1 antibody (TA379528) at dilution of 1:100. Blue: DAPI for nuclear staining.