bs-17563R

[Primary Antibody]

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OTUD1 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 220213 **SWISS:** Q5VV17

Target: OTUD1

Immunogen: KLH conjugated synthetic peptide derived from human OTUD1:

141-240/481.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Deubiquitinating enzymes (DUBs; see MIM 603478) are proteases

that specifically cleave ubiquitin (MIM 191339) linkages, negating the action of ubiquitin ligases. DUBA7 belongs to a DUB subfamily characterized by an ovarian tumor (OTU) domain.[supplied by

OMIM, May 2008]

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)

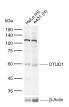
Reactivity: Human, Mouse, Rat

(predicted: Cow)

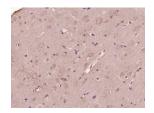
Predicted MW.: 51 kDa

Subcellular Cytoplasm Location:

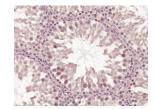
VALIDATION IMAGES



Sample: Lane 1: Human HeLa cell lysates Lane 2: Human A431 cell lysates Primary: Anti-OTUD1 (bs-17563R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kDa Observed band size: 60 kDa



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OTUD1) Polyclonal Antibody, Unconjugated (bs-17563R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat testis tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OTUD1) Polyclonal Antibody, Unconjugated (bs-17563R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

- SELECTED CITATIONS -

- [IF=15.7] Han Xue. et al. Cardiomyocyte OTUD1 drives diabetic cardiomyopathy via directly deubiquitinating AMPKα2 and inducing mitochondrial dysfunction. NAT COMMUN. 2025 Jul;16(1):1-20 IF; Mouse, Rat. 40683882
- [IF=11.4] Jiajia Zhang. et al. OTUD1 delays wound healing by regulating endothelial function and angiogenesis in diabetic mice. J ADV RES. 2025 Apr;: IF; Mouse. 40300668
- [IF=4.5] Hongyu Lu. et al. Identification of Novel Targets for Treatment of Dilated Cardiomyopathy Based on the Ferroptosis and Immune Heterogeneity. J INFLAMM RES. 2023 Jun 12 WB,IF; Mouse. 37334346
- [IF=4.8] Liang Huaiyuan. et al. OTUD1 downregulates PD-L1 expression by deubiquitinating STAT3 and promotes the immune response in CcRCC. CELL ONCOL. 2025 Jun;:1-13 WB,IHC,IF; Human,Mouse. 40506611