BOSTER BIOLOGICAL TECHNOLOGY
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Anti-OTUD4 Antibody

Catalog Number: A07830

About OTUD4

OTUD4, also known as HIV-1 induced protein HIN-1, is a member of the OTU (ovarian tumor) domain containing cysteine protease superfamily, in which the OUT domain generally confers deubiquitinase activity. At least three isoforms of OTUD4 are known to exist, and the smallest of these isoforms are only expressed in HIV-1-infected cells (provided by RefSeq).

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Overview

Product Name	Anti-OTUD4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-OTUD4 Antibody (Catalog # A07830). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	OTUD4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	OTUD4 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q01804

Technical Details

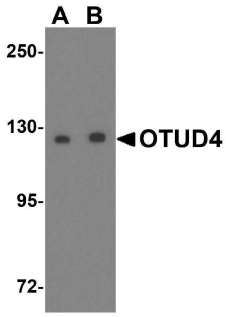
Immunogen	OTUD4 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human OTUD4. The immunogen is located within the last 50 amino acids of OTUD4.
Predicted Reactive Species	Bovine, Rat
Cross Reactivity	Multiple isoforms of OTUD4 are known to exist. OTUD4 antibody is predicted to not cross-react with other members of the OTUD family.

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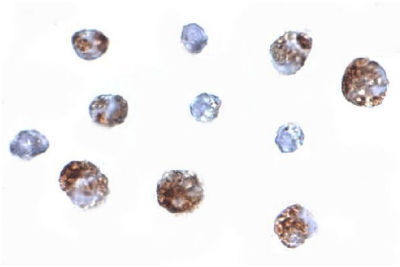
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	OTUD4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	OTUD4 antibody can be used for detection of OTUD4 by Western blot at 0.25 - 0.5 ug/mL. Antibody can also be used for immunocytochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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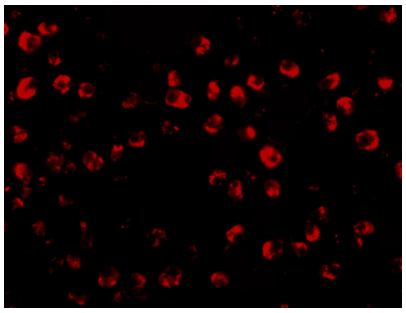
Anti-OTUD4 Antibody (A07830) Images



Western blot analysis of OTUD4 in Daudi cell lysate with OTUD4 antibody at (A) 0.25 and (B) 0.5 ug/mL.



Immunocytochemistry of OTUD4 in Daudi cells with OTUD4 antibody at 2.5 ug/mL.



Immunofluorescence of OTUD4 in Daudi cells with OTUD4 antibody at 20 ug/mL.

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