

Datasheet for ABIN6990984
anti-OTUD5 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	OTUD5
Binding Specificity:	AA 400-450, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OTUD5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	OTUD5 antibody was raised against a 13 amino acid synthetic peptide near the carboxy terminus of the human OTUD5. The immunogen is located within amino acids 400 - 450 of OTUD5.
Isotype:	IgG
Purification:	OTUD5 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	OTUD5
Alternative Name:	OTUD5 (OTUD5 Products)
Background:	OTUD5 Antibody: OTUD5 is a member of the OTU (ovarian tumor) domain-containing cysteine

Target Details

protease superfamily. The OTU domain confers deubiquitinase activity and OTUD5 has been shown to suppress the type I interferon (IFN-I)-dependent innate immune response by cleaving the polyubiquitin chain from TRAF3, an essential type I interferon adaptor protein. Cleavage results in disassociation of TRAF3 from a downstream signaling complex containing TBK1 and the disruption of the IFN-I signaling cascade, indicating that OTUD5 acts as a negative regulator of innate immune responses. It has been suggested that by suppressing IFN-I production, OTUD5 may function to inhibit the emergence of certain autoimmune disorders such as systemic lupus erythematosus. Multiple isoforms of OTUD5 are known to exist.

Gene ID: 55593

UniProt: [Q96G74](#)

Application Details

Application Notes: OTUD5 antibody can be used for detection of OTUD5 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: OTUD5 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: OTUD5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.