

Datasheet for ABIN6282055
anti-OTUB1 antibody (Internal Region)



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Overview

Quantity:	50 µL
Target:	OTUB1
Binding Specificity:	AA 20-100, Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OTUB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	<p>Otubain-1 is a protein encoded by the OTUB1 gene which is approximately 31,3 kDa. Otubain-1 is localised to the cytoplasm and is involved in deubiquitination, metabolism of proteins, DNA damage and ovarian tumor domain proteases. Otubain-1 is a member of the ovarian tumor superfamily. It interacts with another ubiquitin protease and an E3 ubiquitin ligase which inhibits cytokine gene transcription in the immune system. It also plays a key non-catalytic role in DNA repair regulation by inhibiting activity of RNF168, an E3 ubiquitin-protein ligase that promotes accumulation of Lys-63-linked histone H2A and H2AX at DNA damage sites. Isoform 1 of otubain-1 is ubiquitously expressed while isoform 2 is expressed only in lymphoid tissues as well as peripheral blood mononuclear cells. Mutations in the OTUB1 gene may result in retinitis pigmentosa. STJ97632 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of otubain-1 protein.</p>
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Product Details

Immunogen:	Synthesized peptide derived from human Otubain-1
Isotype:	IgG
Specificity:	Otubain-1 Polyclonal Antibody detects endogenous levels of Otubain-1 protein.
Characteristics:	Rabbit polyclonal to Otubain-1.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	OTUB1
Alternative Name:	Otubain-1 (OTUB1 Products)
Gene ID:	55611
UniProt:	Q96FW1

Application Details

Application Notes:	WB 1:500-1:2000 ELISA 1:10000
Comment:	Isoform 1 is ubiquitous. Isoform 2 is expressed only in lymphoid tissues such as tonsils, lymph nodes and spleen, as well as peripheral blood mononuclear cells.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 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
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.