Datasheet for ABIN7120563

anti-Ube2t antibody

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Overview

Quantity:	100 µg
Target:	Ube2t
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ube2t antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	ubiquitin-conjugating enzyme E2T(putative)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Ube2t
Alternative Name:	UBE2T/HSPC150 (Ube2t Products)
Background:	Synonyms:HSPC150, PIG50, UBE2T, Ubiquitin carrier protein T, Ubiquitin protein ligase T Background:The ubiquitin(Ub)-mediated protein degradation pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub to specific protein substrates. The first step requires ATP-dependent activation of the C-terminus of Ub and the assembly of multi-Ubs

Target Details

	by Ub-activating enzyme E1. The ubiquitin-conjugating enzyme E2, catalytic(UBCc) domain, is then conjugated to Ubs, through a thiol-ester linkage between a conserved cysteine and the C-terminus of Ub, to generate an intermediate Ub-E2 complex. Then the E3, a ligase, catalyzes the transfer of Ub from E2 to the appropriate substrate. This pathway regulates many fundamental cellular processes. There are also other E2s which form thiol-ester linkages without the use of E3s as well as several UBC homologs(TSG101, Mms2, Croc-1 and similar proteins), which lack the active site cysteine essential for ubiquitination and appear to function in DNA repair pathways.
Molecular Weight:	24 kDa
Gene ID:	28089
UniProt:	Q9NPD8
Pathways:	Chromatin Binding

Application Details

Application Notes:	WB: 1:200-1:2000, IP: 1:200-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months