

anti- UBE2T/HSPC150 antibody

Product Information

Catalog No.:	FNab09185
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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 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.

Immunogen information

Immunogen:	ubiquitin-conjugating enzyme E2T(putative)
Synonyms:	HSPC150, PIG50, UBE2T, Ubiquitin carrier protein T, Ubiquitin protein ligase T
Observed MW:	24 kDa
Uniprot ID :	Q9NPD8

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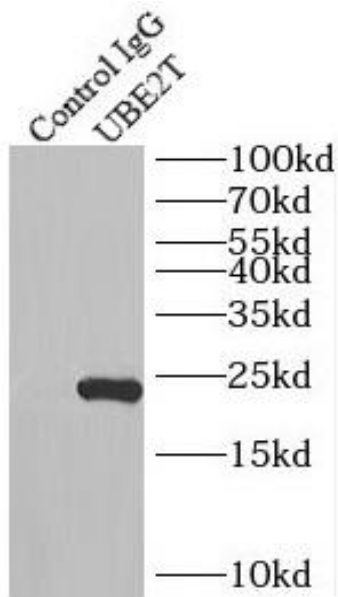
Application

Reactivity: Human, Mouse, Rat

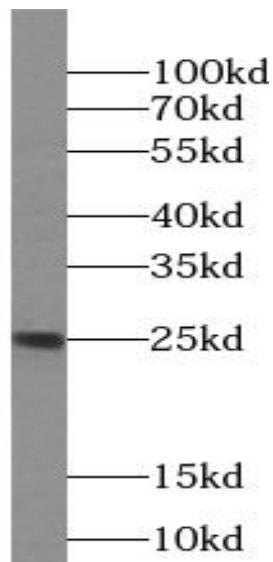
Tested Application: ELISA, WB, IP

Recommended dilution: WB: 1:200-1:2000; IP: 1:200-1:2000

Image:



IP Result of anti-UBE2T/HSPC150
(IP:FNab09185, 3ug; Detection:FNab09185 1:500)
with HeLa cells lysate 3000ug.



Jurkat cells were subjected to SDS PAGE followed
by western blot with FNab09185(UBE2T
antibody) at dilution of 1:800

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