

anti- USP14 antibody

Product Information

Catalog No.:	FNab09310
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

Proteasome-associated deubiquitinase which releases ubiquitin from the proteasome targeted ubiquitinated proteins. Ensures the regeneration of ubiquitin at the proteasome. Is a reversibly associated subunit of the proteasome and a large fraction of proteasome-free protein exists within the cell. Required for the degradation of the chemokine receptor CXCR4 which is critical for CXCL12-induced cell chemotaxis. Serves also as a physiological inhibitor of endoplasmic reticulum-associated degradation(ERAD) under the non-stressed condition by inhibiting the degradation of unfolded endoplasmic reticulum proteins via interaction with ERN1. Indispensable for synaptic development and function at neuromuscular junctions(NMJs).

Immunogen information

Immunogen:	ubiquitin specific peptidase 14(tRNA-guanine transglycosylase)
Synonyms:	Deubiquitinating enzyme 14, TGT, Ubiquitin thiolesterase 14, USP14
Observed MW:	52-60 kDa
Uniprot ID :	P54578

Application

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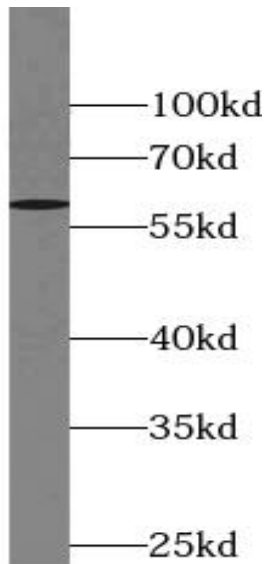
www.fn-test.com

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IF, FC

Recommended dilution: WB: 1:500-1:5000; IP: 1:500-1:5000; IF: 1:10-1:100

Image:



mouse kidney tissue were subjected to SDS PAGE followed by western blot with FNab09310(USP14 antibody) at dilution of 1:300