

anti- USP5 antibody

Product Information

Catalog No.:	FNab09339
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

Cleaves linear and branched multiubiquitin polymers with a marked preference for branched polymers. Involved in unanchored 'Lys-48'-linked polyubiquitin disassembly. Binds linear and 'Lys-63'-linked polyubiquitin with a lower affinity. Knock-down of USP5 causes the accumulation of p53/TP53 and an increase in p53/TP53 transcriptional activity because the unanchored polyubiquitin that accumulates is able to compete with ubiquitinated p53/TP53 but not with MDM2 for proteasomal recognition.

Immunogen information

Immunogen:	ubiquitin specific peptidase 5(isopeptidase T)
Synonyms:	Deubiquitinating enzyme 5, Isopeptidase T, ISOT, Ubiquitin thiolesterase 5, USP5
Observed MW:	93 kDa
Uniprot ID :	P45974

Application

Reactivity:	Human, Mouse, Rat
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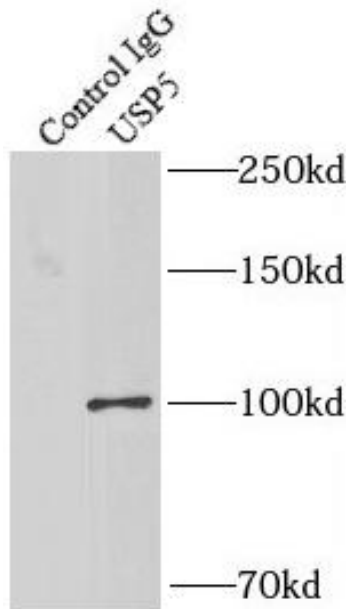
Fax: (0086)027-87800889

www.fn-test.com

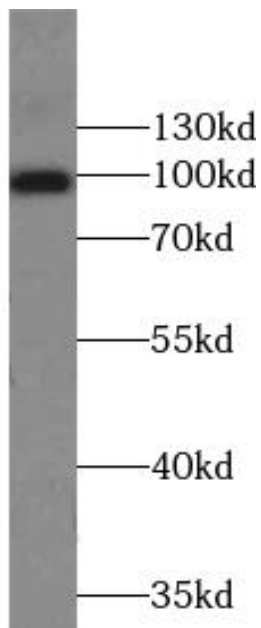
Tested Application: ELISA, WB, IP

Recommended dilution: WB: 1:500-1:5000; IP: 1: 500-1: 5000

Image:



IP Result of anti-USP5 (IP:FNab09339, 4ug;
Detection:FNab09339 1:1000) with mouse brain
tissue lysate 4000ug.



A549 cells were subjected to SDS PAGE followed
by western blot with FNab09339(USP5 antibody)
at dilution of 1:1000