

## NUDT3 antibody

### Product Information

Catalog No.:	FNab05905
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 a beta-phosphate from the diphosphate groups in PP-InsP5(diphosphoinositol pentakisphosphate) and [PP]2-InsP4(bisdiphosphoinositol tetrakisphosphate), suggesting that it may play a role in signal transduction. InsP6(inositol hexakisphosphate) is not a substrate. Acts as a negative regulator of the ERK1/2 pathway. Also able to catalyze the hydrolysis of dinucleoside oligophosphates, with Ap6A and Ap5A being the preferred substrates. The major reaction products are ADP and p4a from Ap6A and ADP and ATP from Ap5A. Also able to hydrolyze 5-phosphoribose 1-diphosphate.

### Immunogen information

Immunogen:	nudix(nucleoside diphosphate linked moiety X)-type motif 3
Synonyms:	Diphosphoinositol polyphosphate phosphohydrolase 1 (DIPP-1) Diadenosine hexaphosphate hydrolase (Ap6A hydrolase) Endopolyphosphatase Nucleoside diphosphate-linked moiety X motif 3 (Nudix motif 3) m7GpppN-mRNA hydrolase m7GpppX diphosphatase NUDT3 DIPP DIPP1
Observed MW:	20-30 kDa
Uniprot ID :	O95989

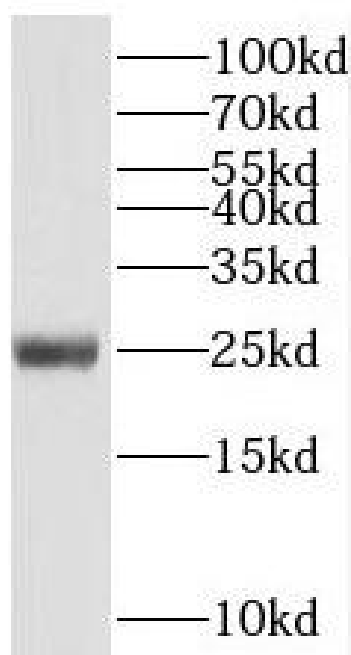
### Application

Reactivity:	Human, Mouse
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Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab05905(NUDT3 antibody) at dilution of 1:2000