

## PIAS4 antibody

### Product Information

Catalog No.:	FNab06432
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

Functions as an E3-type small ubiquitin-like modifier(SUMO) ligase, stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor. Plays a crucial role as a transcriptional coregulation in various cellular pathways, including the STAT pathway, the p53/TP53 pathway, the Wnt pathway and the steroid hormone signaling pathway. Involved in gene silencing. Mediates sumoylation of CEBPA, PARK7, HERC2, MYB, TCF4 and RNF168. In Wnt signaling, represses LEF1 and enhances TCF4 transcriptional activities through promoting their sumoylations. Enhances the sumoylation of MTA1 and may participate in its paralog-selective sumoylation.

### Immunogen information

Immunogen:	protein inhibitor of activated STAT, 4
Synonyms:	E3 SUMO-protein ligase PIAS4 PIASy Protein inhibitor of activated STAT protein 4 Protein inhibitor of activated STAT protein gamma (PIAS-gamma) PIAS4 PIASG
Observed MW:	60 kDa
Uniprot ID :	Q8N2W9

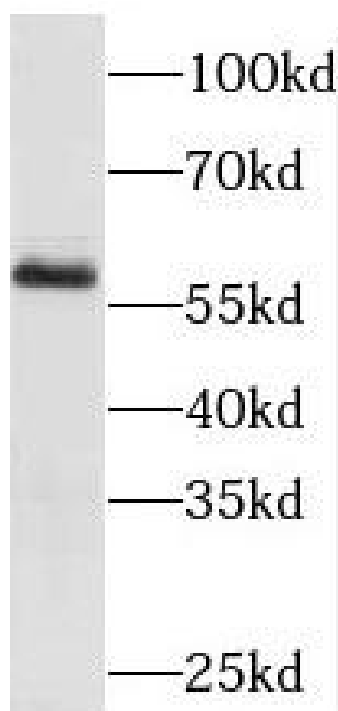
### Application

Reactivity:	Human, Mouse, Rat
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Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:500-1:2000; IF: 1:50-1:500

Image:



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab6432(PIAS4 antibody) at dilution of 1:500