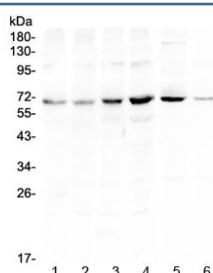


## PIAS3 Antibody (RQ4115)

Catalog No.	Formulation	Size
RQ4115	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	Q9Y6X2
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This PIAS3 antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) U-87 MG, 3) COLO320, 4) HepG2, 5) rat brain and 6) mouse NIH3T3 lysate with PIAS3 antibody at 0.5ug/ml. Predicted molecular weight ~68 kDa.

## Description

E3 SUMO-protein ligase PIAS3 is an enzyme that in humans is encoded by the PIAS3 gene. This gene encodes a member of the PIAS [protein inhibitor of activated STAT (signal transducer and activator of transcription)] family of transcriptional modulators. The protein functions as a SUMO (small ubiquitin-like modifier)-E3 ligase which catalyzes the covalent attachment of a SUMO protein to specific target substrates. It directly binds to several transcription factors and either blocks or enhances their activity. Alternatively spliced transcript variants of this gene have been identified, but the full-length nature of some of these variants has not been determined.

## Application Notes

Optimal dilution of the PIAS3 antibody should be determined by the researcher.

## Immunogen

Amino acids QRFEEAHFTFALTPQQVQQILTSREVLPGAKCDYTIQVQLRF from the human protein were used as the immunogen for the PIAS3 antibody.

## Storage

After reconstitution, the PIAS3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.