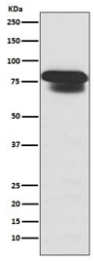
PIAS1/2/3 Antibody [clone ABFA-16] (RQ4791)

Catalog No.	Formulation	Size
RQ4791	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ABFA-16
Purity	Affinity purified
UniProt	O75925
Applications	Western Blot : 1:500-1:2000
Limitations	This PIAS1/2/3 antibody is available for research use only.



Western blot testing of human HepG2 cell lysate with PIAS1/2/3 antibody. Predicted molecular weight: ~72 kDa (PIAS1) and ~68 kDa (PIAS2 & 3).

Description

Protein inhibitor of activated STAT (PIAS), also known as E3 SUMO-protein ligase PIAS, is a protein that regulates transcription in mammals. PIAS proteins act as transcriptional co-regulators with at least 60 different proteins in order to either activate or repress transcription. The transcription factors STAT, NF-ÃŽÂºB, p73, and p53 are among the many proteins that PIAS interacts with. PIAS proteins have potential applications in cancer treatment and prevention. They may also play an important role in regulating immune system responses. [Wiki]

Application Notes

Optimal dilution of the PIAS1/2/3 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human PIAS 1 & 2 & 3 was used as the immunogen for the PIAS1/2/3 antibody.

Storage

Store the PIAS1/2/3 antibody at -20oC.

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