

PIAS1 Rabbit Polyclonal Antibody



CAB5729

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to figures

Calculated MW:

36kDa/71kDa/72kDa

Applications:

WB IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the protein inhibitor of activated STAT (PIAS) family. PIAS proteins function as SUMO E3 ligases and play important roles in many cellular processes by mediating the sumoylation of target proteins. This protein plays a central role as a transcriptional coregulator of numerous cellular pathways including the STAT1 and nuclear factor kappaB pathways. Alternate splicing results in multiple transcript variants.

Immunogen information

Gene ID:

8554

Uniprot

O75925

Synonyms:

PIAS1; DDXBP1; GBP; GU/RH-II; ZMIZ3

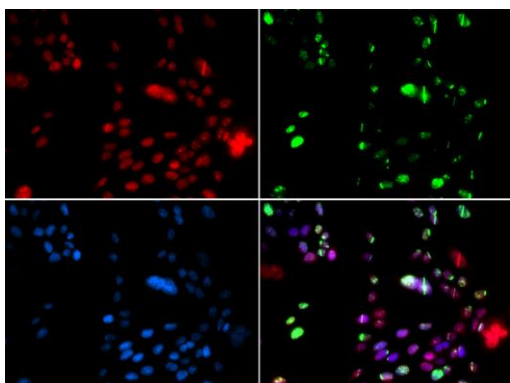
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 422-651 of human PIAS1 (NP_057250.1).

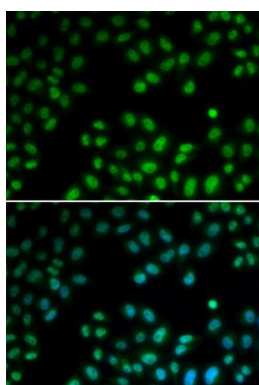
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using PIAS1 antibody (CAB5729). Green: GFP-RNF168 fusion protein expression for DNA damage marker. Blue: DAPI for nuclear staining. RNF168 (GFP) can be used to mark cells damaged by UV-A laser for they always gather around DNA damage region.



Immunofluorescence analysis of U2OS cells using PIAS1 antibody (CAB5729). Blue: DAPI for nuclear staining.