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PIAS1+PIAS2 Rabbit mAb

Catalog No.: A9670 Recombinant

Basic Information

Observed MW
76kDa

Calculated MW
76kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC1690

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 includign the STAT1 and nuclear factor kappaB pathways. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID
8554/ 9063

Swiss Prot
O75925/O75928

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 552-651 of human PIAS1+PIAS2 (O75925).

Synonyms
DDXBP1; GBP; GU/RH-II; ZMIZ3; PIAS1+PIAS2

Contact

400-999-6126

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Product Information

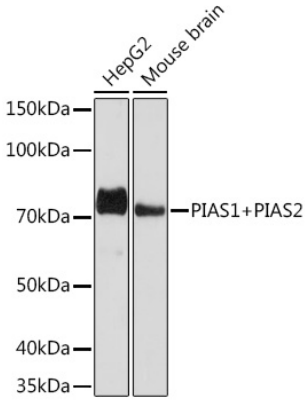
Source
Rabbit

Isotype
IgG

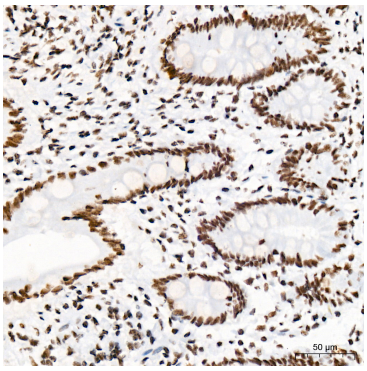
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

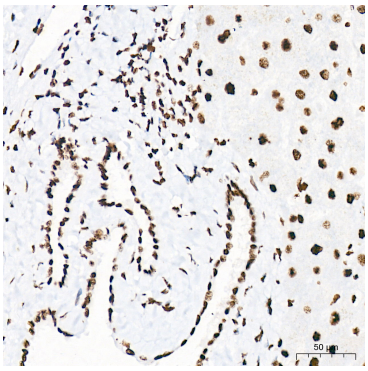
Validation Data



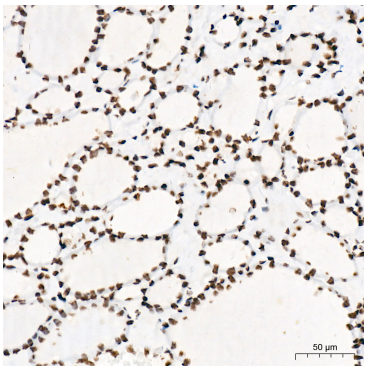
Western blot analysis of various lysates using PIAS1+PIAS2 Rabbit mAb (A9670) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



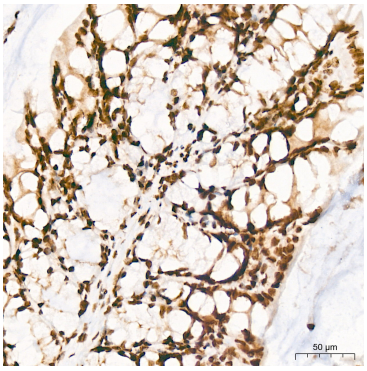
Immunohistochemistry analysis of PIAS1+PIAS2 in paraffin-embedded human colon tissue using PIAS1+PIAS2 Rabbit mAb (A9670) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



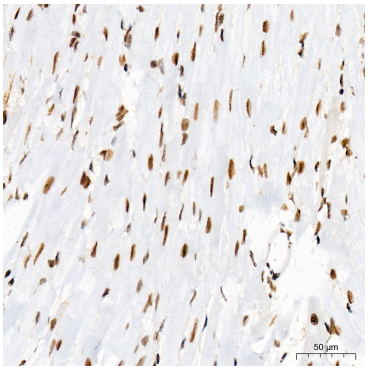
Immunohistochemistry analysis of PIAS1+PIAS2 in paraffin-embedded human liver tissue using PIAS1+PIAS2 Rabbit mAb (A9670) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



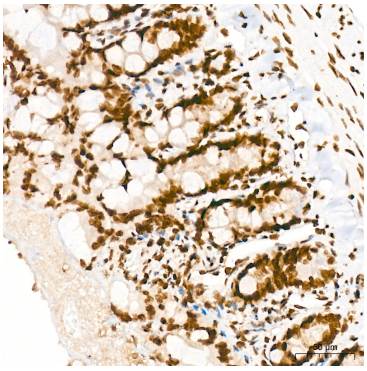
Immunohistochemistry analysis of PIAS1+PIAS2 in paraffin-embedded human thyroid tissue using PIAS1+PIAS2 Rabbit mAb (A9670) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of PIAS1+PIAS2 in paraffin-embedded mouse colon tissue using PIAS1+PIAS2 Rabbit mAb (A9670) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.

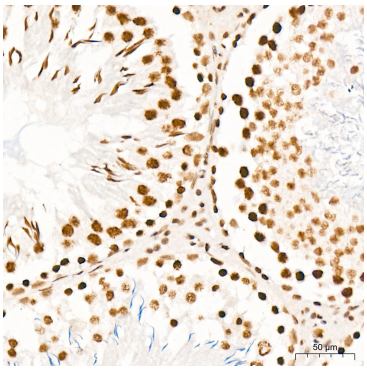


Immunohistochemistry analysis of PIAS1+PIAS2 in paraffin-embedded mouse heart tissue using PIAS1+PIAS2 Rabbit mAb (A9670) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of PIAS1+PIAS2 in paraffin-embedded rat colon tissue using PIAS1+PIAS2 Rabbit mAb (A9670) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of PIAS1+PIAS2 in paraffin-embedded rat testis tissue using PIAS1+PIAS2 Rabbit mAb (A9670) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.