

Rabbit IgG isotype control

Catalog No.: AC042 **4 Publications**

Basic Information

Observed MW

Calculated MW

Category

Loading control antibody

Applications

IHC-P,IF/ICC,FC,IP,ChIP

Cross-Reactivity

CloneNo number

ARC5105-03

Background

The protein encoded by this gene is a transcriptional regulator and tumor suppressor, serving as an activator of genes involved in both innate and acquired immune responses.

Recommended Dilutions

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

FC 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ChIP 3µg antibody for
10µg-15µg of Chromatin

Immunogen Information

Gene ID **Swiss Prot**

Immunogen

None

Synonyms

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

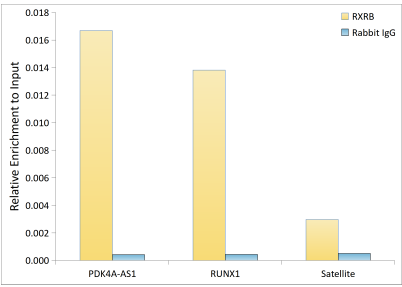
Protein A/G purification

Storage

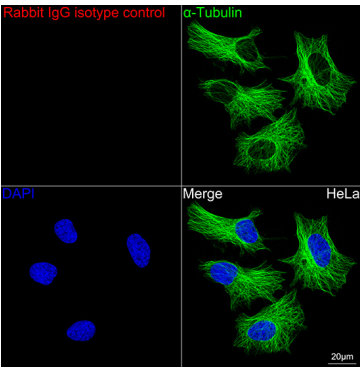
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

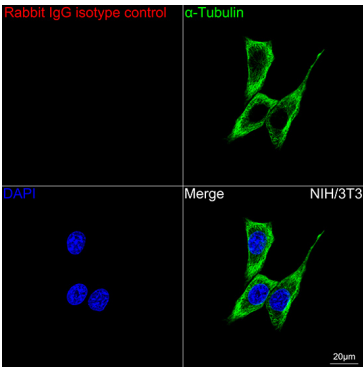
Validation Data



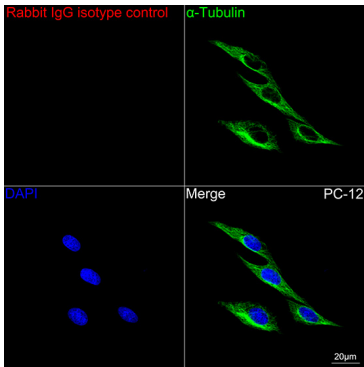
Chromatin immunoprecipitation was performed with 15 µg of cross-linked chromatin from HeLa cells transfected with a RXRB expression vector containing a single C-terminal flag-Tag, using 3 µg of Rabbit IgG isotype control (AC042) and RXRB Rabbit mAb (A25648). The enrichment of immunoprecipitated DNA at different genomic loci was examined by quantitative PCR. The histogram compares the ratio of the immunoprecipitated DNA to the input at given loci.



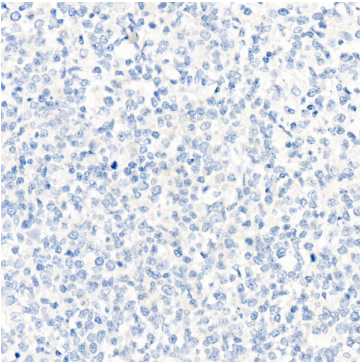
Confocal imaging of HeLa cells using Rabbit IgG isotype control (AC042, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



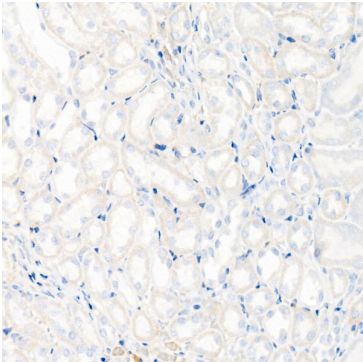
Confocal imaging of NIH/3T3 cells using Rabbit IgG isotype control (AC042, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



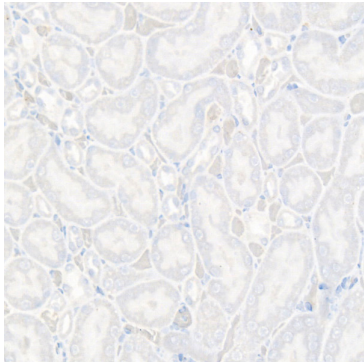
Confocal imaging of PC-12 cells using Rabbit IgG isotype control (AC042, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunohistochemistry analysis of Rabbit IgG isotype control in paraffin-embedded human tonsil using Rabbit IgG isotype control (AC042) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

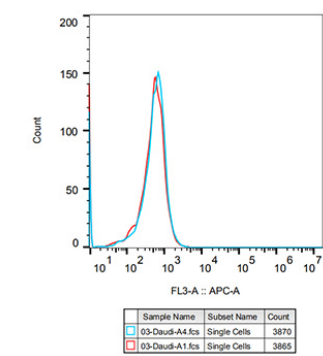


Immunohistochemistry analysis of Rabbit IgG isotype control in paraffin-embedded mouse kidney using Rabbit IgG isotype control (AC042) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

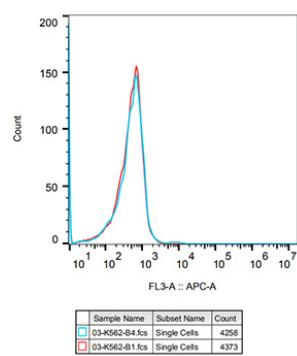


Immunohistochemistry analysis of Rabbit IgG isotype control in paraffin-embedded rat kidney using Rabbit IgG isotype control (AC042) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Validation Data



Flow cytometry: Daudi cells were stained with Rabbit IgG isotype control(AC042, 10 µg/mL, blue line) followed by goat anti-Rabbit pAb APC(1:600 dilution) staining. Non-fluorescently stained Daudi cells was used as blank control (red line).



Flow cytometry: K562 cells were stained with Rabbit IgG isotype control(AC042, 10 µg/mL, blue line) followed by goat anti-Rabbit pAb APC(1:600 dilution) staining. Non-fluorescently stained K562 cells was used as blank control (red line).