GPR109A/HM74A/HCAR2 Rabbit pAb

Catalog NO.: A15611 **6 Publications**

Basic Information

Observed MW
42 kDa

Calculated MW
42 kDa

Category
Polyclonal Antibodies

Applications
WB, IF/ICC, IHC-P, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Background

Predicted to enable nicotinic acid receptor activity. Involved in neutrophil apoptotic process and positive regulation of neutrophil apoptotic process. Located in cell junction and plasma membrane.

Recommended Dilutions

WB	1:400 - 1:5000
IF/ICC	1:50 - 1:200
IHC-P	1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
338442

Swiss Prot
Q8TDS4

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
HCA2; HM74a; HM74b; PUMAG; NIACR1; Puma-g; GPR109A; GPR109A/HM74A/HCAR2

Contact

Product Information

order@abclonal.com
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www.abclonal.com

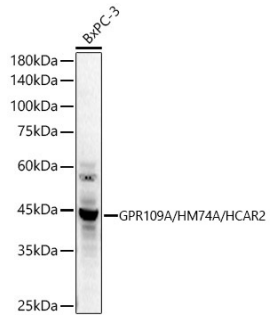
Source
Rabbit

Isotype
IgG

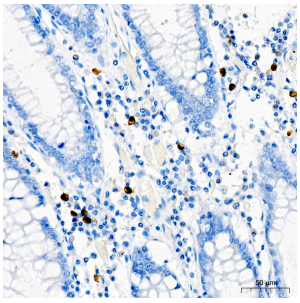
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

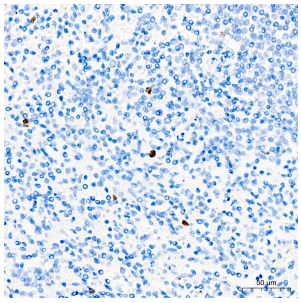
Validation Data



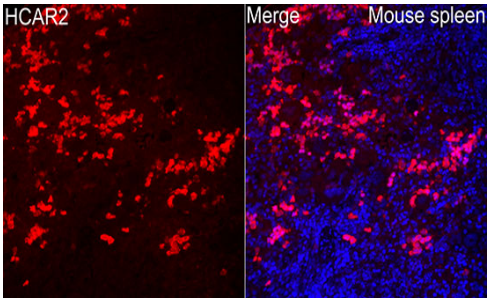
Western blot analysis of lysates from BxPC-3 cells using GPR109A/HM74A/HCAR2 Rabbit pAb (A15611) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



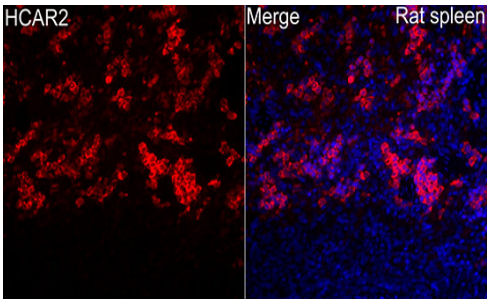
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using GPR109A/HM74A/HCAR2 Rabbit pAb (A15611) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using GPR109A/HM74A/HCAR2 Rabbit pAb (A15611) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of mouse spleen cells using GPR109A/HM74A/HCAR2 Rabbit pAb (A15611) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat spleen cells using GPR109A/HM74A/HCAR2 Rabbit pAb (A15611) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

For research use only. Not for therapeutic or diagnostic purposes.

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