GP2 Rabbit pAb

Catalog NO.: A6378

Basic Information

Observed MW
55kDa

Calculated MW
59kDa

Category
Polyclonal Antibodies

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

Cross-Reactivity
Human

Conjugation
Unconjugated

Background

This gene encodes an integral membrane protein that is secreted from intracellular zymogen granules and associates with the plasma membrane via glycosylphosphatidylinositol (GPI) linkage. The encoded protein binds pathogens such as enterobacteria, thereby playing an important role in the innate immune response. The C-terminus of this protein is related to the C-terminus of the protein encoded by the neighboring gene, uromodulin (UMOD). Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:500 - 1:2000
IF-P	1:100-1:400
IHC-P	1:5000 - 1:20000

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

Immunogen Information

Gene ID
2813

Swiss Prot
P55259

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
ZAP75; GP2

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

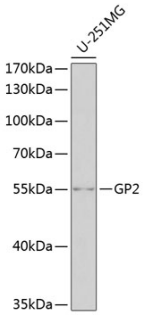
Source
Rabbit

Isotype
IgG

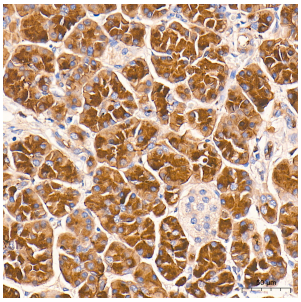
Purification
Affinity purification

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.

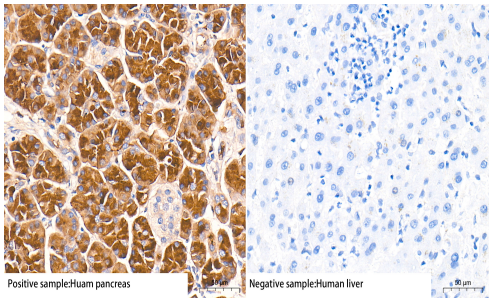
Validation Data



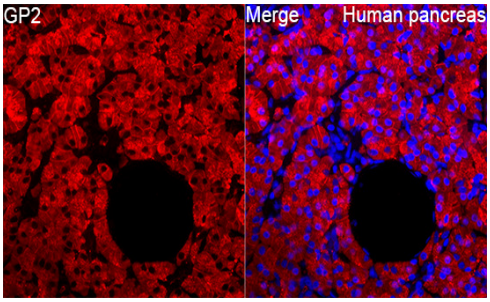
Western blot analysis of lysates from U-251MG cells, using GP2 Rabbit pAb (A6378) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using GP2 Rabbit pAb (A6378) at a dilution of 1:8000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue (left, Positive control) and Human liver tissue (right, Negative control) tissue using GP2 Rabbit pAb (A6378) at a dilution of 1:8000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded Human pancreas tissue using GP2 Rabbit pAb (A6378) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.

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

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