APIP Rabbit pAb

Catalog NO.: A7102

Basic Information

Observed MW
27kDa

Calculated MW
27kDa

Category
Polyclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Background

Enables identical protein binding activity; methylthioribulose 1-phosphate dehydratase activity; and zinc ion binding activity. Involved in several processes, including L-methionine salvage from methylthioadenosine; protein homotetramerization; and pyroptosis. Located in cytoplasm.

Recommended Dilutions

WB	1:500 - 1:2000
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
51074

Swiss Prot
Q96GX9

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

Synonyms
APIP2; CGI29; hAPIP; CGI-29; MMRP19; APIP

Contact

Product Information

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

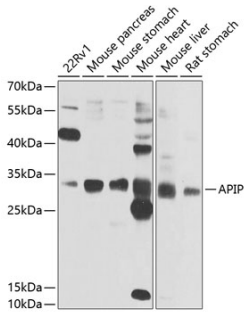
Source
Rabbit

Isotype
IgG

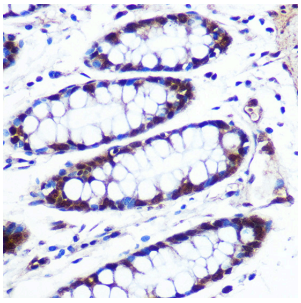
Purification
Affinity purification

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.

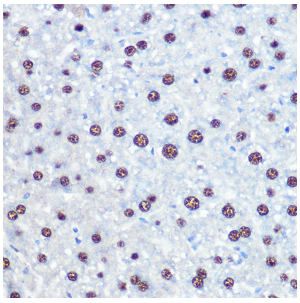
Validation Data



Western blot analysis of various lysates using APIP Rabbit pAb (A7102) 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 Enhanced Kit (RM00021).
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human colon using APIP Rabbit pAb (A7102) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using APIP Rabbit pAb (A7102) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

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