

APIP Rabbit pAb

Catalog No.: A7102

Basic Information

Observed MW

27kDa

Calculated MW

27kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

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

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Product Information

Source

Rabbit

Isotype

IgG

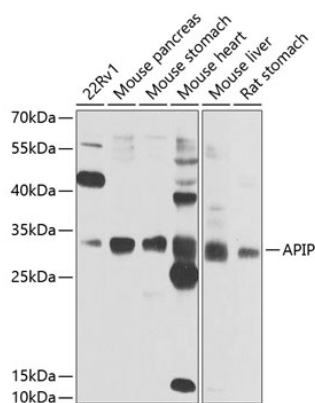
Purification

Affinity purification

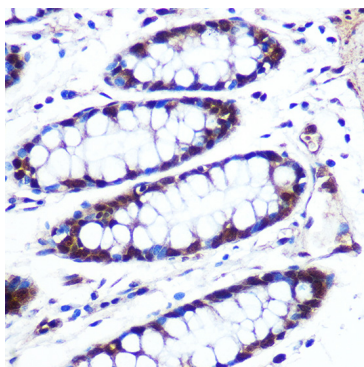
Storage

Store at -20°C

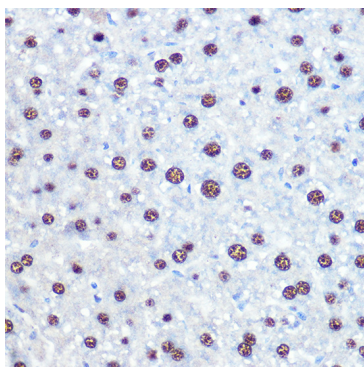
Validation Data



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.