

GSTO1 Rabbit mAb

Catalog No.: A4636 **Recombinant**

Basic Information

Observed MW

28 kDa

Calculated MW

28 kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Rat

CloneNo number

ARC1128

Background

The protein encoded by this gene is an omega class glutathione S-transferase (GST) with glutathione-dependent thiol transferase and dehydroascorbate reductase activities. GSTs are involved in the metabolism of xenobiotics and carcinogens. The encoded protein acts as a homodimer and is found in the cytoplasm. Three transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:1000 - 1:4000

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

Immunogen Information

Gene ID

9446

Swiss Prot

P78417

Immunogen

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

Synonyms

P28; SPG-R; GSTO 1-1; GSTTLp28; HEL-S-21; GSTO1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

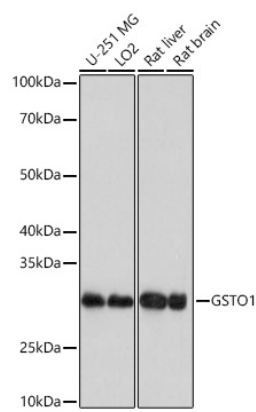
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, 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 GSTO1 Rabbit mAb (A4636) 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: 10s.