

GSTK1 Rabbit mAb

Catalog No.: A9667 **Recombinant**

Basic Information

Observed MW

25kDa

Calculated MW

25kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

CloneNo number

ARC1689

Background

This gene encodes a member of the kappa class of the glutathione transferase superfamily of enzymes that function in cellular detoxification. The encoded protein is localized to the peroxisome and catalyzes the conjugation of glutathione to a wide range of hydrophobic substrates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

373156

Swiss Prot

Q9Y2Q3

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human GSTK1 (Q9Y2Q3).

Synonyms

GST; GST13; hGSTK1; GSTK1-1; GST13-13; GST 13-13; GSTK1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

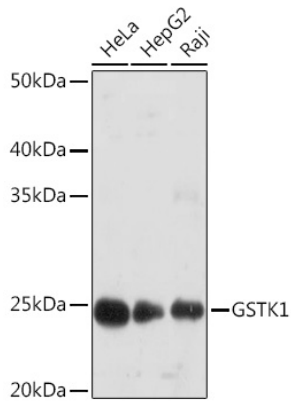
Affinity purification

Storage

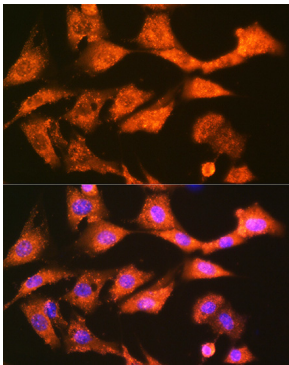
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using GSTK1 Rabbit mAb (A9667) at 1:1000 dilution.
Secondary antibody: HRP 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.



Immunofluorescence analysis of NIH-3T3 cells using GSTK1 Rabbit mAb (A9667) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.