

[KO Validated] GSTK1 Rabbit pAb

Catalog No.: A19963 **KO Validated** **2 Publications**

Basic Information

Observed MW

23kDa

Calculated MW

25kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

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 - 1:2000 |
| IF/ICC | 1:50 - 1:100 |

Immunogen Information

Gene ID

373156

Swiss Prot

Q9Y2Q3

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-226 of human GSTK1 (NP_057001.1).

Synonyms

GST; GST13; hGSTK1; GSTK1-1; GST13-13; GST 13-13; K1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

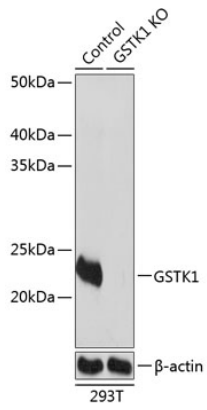
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and GSTK1 knockout (KO) 293T cells, using [KO Validated] GSTK1 Rabbit pAb (A19963) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.