

[KO Validated] GSTK1 Rabbit pAb

Catalog No.: A21473 **KO Validated**

Basic Information

Observed MW

25kDa

Calculated MW

25kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human

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

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

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; GSTK1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

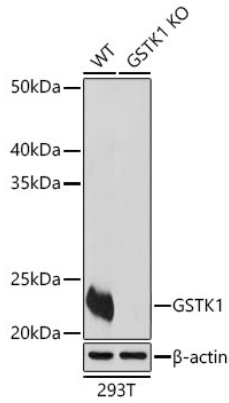
Affinity purification

Storage

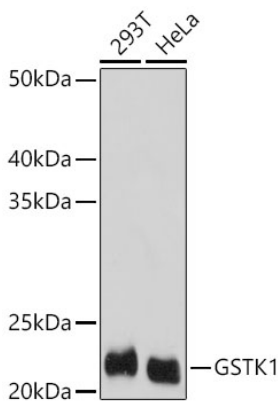
Store at -20°C. Avoid freeze / thaw cycles.

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

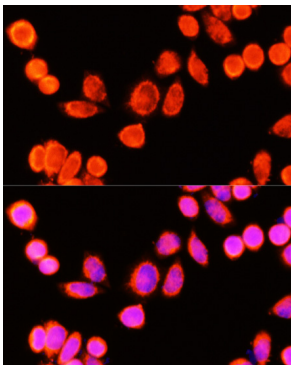
Validation Data



Western blot analysis of lysates from wild type (WT) and GSTK1 knockout (KO) 293T cells using [KO Validated] GSTK1 Rabbit pAb (A21473) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Western blot analysis of various lysates using [KO Validated] GSTK1 Rabbit pAb (A21473) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates / proteins: 25 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunofluorescence analysis of HeLa cells using [KO Validated] GSTK1 Rabbit pAb (A21473) at dilution of 1:100 (40x lens).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.