

# [KO Validated] GSTK1 Rabbit pAb

Catalog No.: A21473 **KO Validated**

## Basic Information

### Observed MW

25kDa

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### 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

<b>WB</b>	1:500 - 1:1000
<b>IF/ICC</b>	1:50 - 1:200

## 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

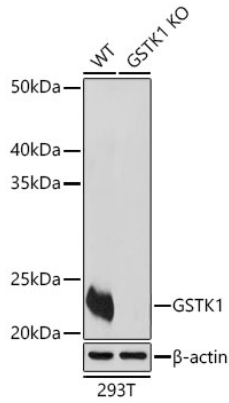
Affinity purification

### Storage

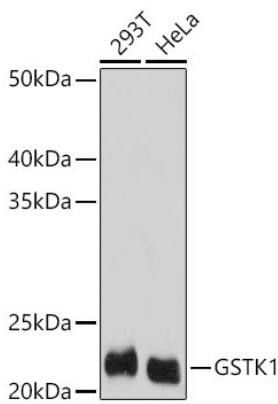
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

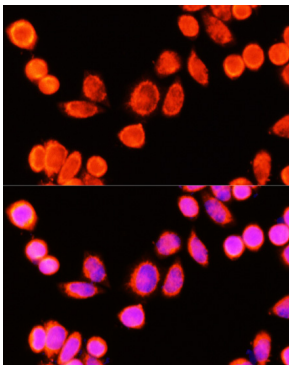
## Validation Data



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 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 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 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.