

## Product datasheet for **TA376833**

### Glutathione S Transferase kappa 1 (GSTK1) Rabbit Polyclonal Antibody

#### Product data:

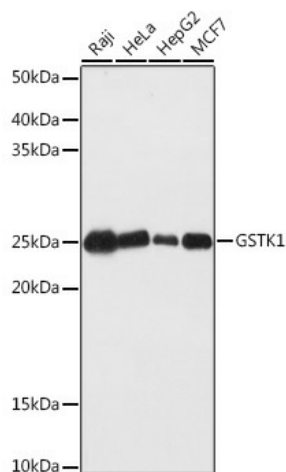
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:100 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-226 of human GSTK1 (NP_057001.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	20kDa/24kDa/25kDa/31kDa
Gene Name:	glutathione S-transferase kappa 1
Database Link:	<a href="#">Entrez Gene 373156 Human Q9Y2Q3</a>
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.



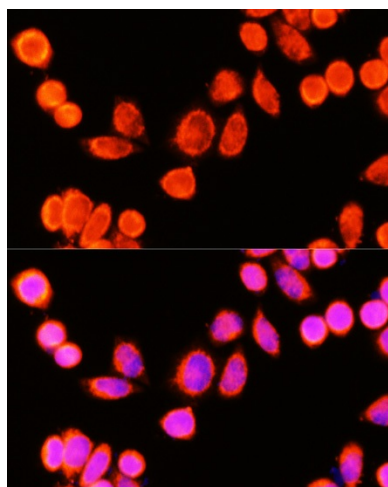
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Synonyms: GST; GST13; GST13-13; GSTK1-1; hGSTK1

### Product images:



Western blot analysis of extracts of various cell lines, using GSTK1 antibody (TA376833) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 60s.



Immunofluorescence analysis of HeLa cells using GSTK1 antibody (TA376833) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.