



Product datasheet

Anti-GSTK1 antibody ab231593

7 Images

Overview

Product name	Anti-GSTK1 antibody
Description	Rabbit polyclonal to GSTK1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human
Immunogen	<p>Recombinant fragment (His-T7-tag) corresponding to Rat GSTK1 aa 20-214. Expressed in E.coli. Sequence:</p> <p>MGSSHHHHHSSGLVPRGSHMASMTGGQQMGRGSE FWLGFEVLCRYQHLW NIKLKLRPALLAGIMKDSGNQPPAMVPHKGQYLKEIPL LKQLFQVPMSV PKDFFGEHVKKGTVMRFLTAVSMEQPEMLEKVSR ELWMRWSRDEDIT ESQNLSAAEKAGMATAQAQHLLNKISTELVKSCLR TGAACKYGAFGL PTTVAHVDGKTYMLFGSDRMELLAYLLGEKW</p> <p>Database link: P24473</p> <p style="text-align: right;"> Run BLAST with  Run BLAST with</p>
Positive control	WB: Recombinant rat GSTK1 protein; Raji cell lysate; rat liver lysate. IHC-P: Rat liver, stomach, pancreas and spinal cord tissue.
General notes	Previously labelled as Glutathione S Transferase kappa 1.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.4</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol</p>
Purity	Immunogen affinity purified

Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab231593** in the following tested applications.

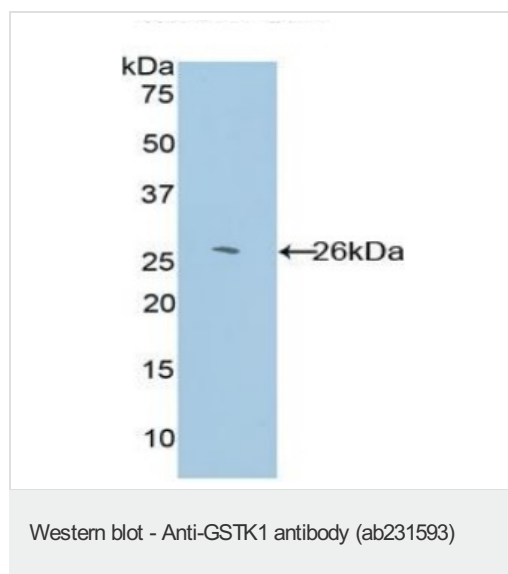
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 25 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

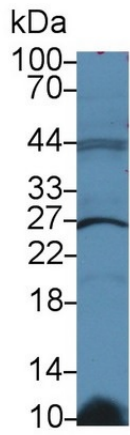
Function	Significant glutathione conjugating activity is found only with the model substrate, 1-chloro-2,4-dinitrobenzene (CDNB).
Tissue specificity	Ubiquitous.
Sequence similarities	Belongs to the GST superfamily. Kappa family.
Cellular localization	Peroxisome.

Images



Anti-GSTK1 antibody (ab231593) at 2 µg/ml + Recombinant rat GSTK1 protein

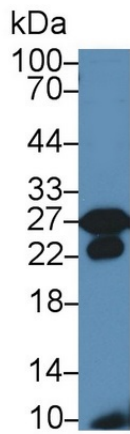
Predicted band size: 25 kDa



Western blot - Anti-GSTK1 antibody (ab231593)

Anti-GSTK1 antibody (ab231593) at 2 $\mu\text{g/ml}$ + Raji (human Burkitt's lymphoma cell line) cell lysate

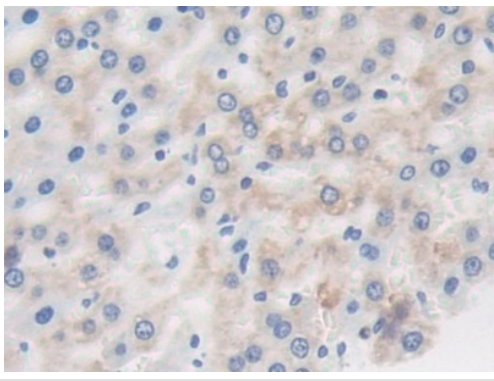
Predicted band size: 25 kDa



Western blot - Anti-GSTK1 antibody (ab231593)

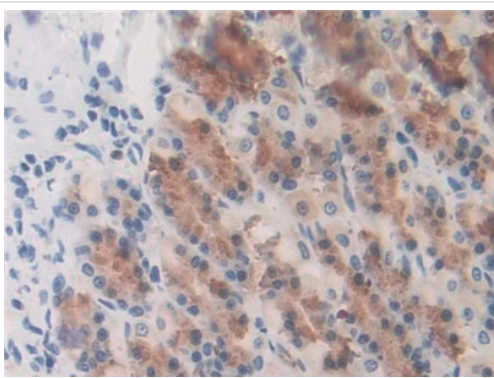
Anti-GSTK1 antibody (ab231593) at 2 $\mu\text{g/ml}$ + Rat liver lysate

Predicted band size: 25 kDa



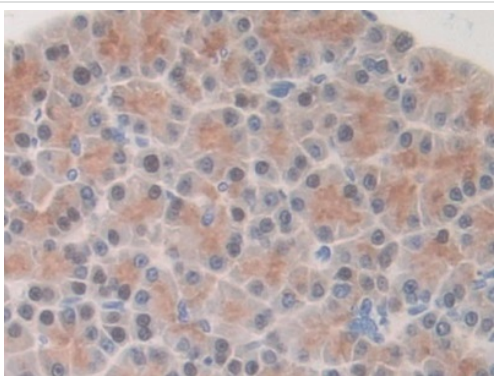
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GSTK1 antibody (ab231593)

Formalin-fixed, paraffin-embedded rat liver tissue stained for GSTK1 using ab231593 at 20 $\mu\text{g}/\text{mL}$ in immunohistochemical analysis. DAB staining.



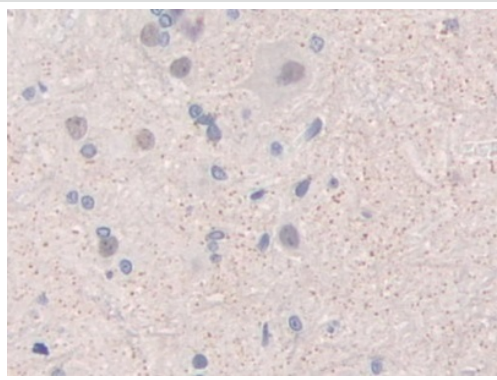
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GSTK1 antibody (ab231593)

Formalin-fixed, paraffin-embedded rat stomach tissue stained for GSTK1 using ab231593 at 20 $\mu\text{g}/\text{mL}$ in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GSTK1 antibody (ab231593)

Formalin-fixed, paraffin-embedded rat pancreas tissue stained for GSTK1 using ab231593 at 20 $\mu\text{g}/\text{mL}$ in immunohistochemical analysis. DAB staining.



Formalin-fixed, paraffin-embedded rat spinal cord tissue stained for GSTK1 using ab231593 at 20 µg/mL in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GSTK1 antibody (ab231593)

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