



Product datasheet

Anti-GSTT2 antibody ab231792

6 Images

Overview

Product name	Anti-GSTT2 antibody
Description	Rabbit polyclonal to GSTT2
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	<p>Recombinant fragment (His-T7-tag) corresponding to Human GSTT2 aa 15-235. N-terminal tags. Expressed in E.coli.</p> <p>Sequence:</p> <p>MGSSHHHHHSSGLVPRGSHMASMTGGQQMGRGSE F-RAVYIFAKKNGIP LELRTVDLVKGGQHSKEFLQINSLGKLPKLDGDFILTE SSAILYLSCK YQTPDHWYPSDLQARARVHEYLGWHADCIRGTFGIPL WVQVLGPLIGVQV PKEKVERNRTAMDQALQWLEDKFLGDRPFLAGQQVT LADLMALEELMQPV ALGYELFEGRPRLAAWRGRVEAFLGAELCQEAHSILSI LEQAAKKTLP TPSPEAYQA</p> <p>Database link: P0CG30</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	IHC-P: Human glioma, kidney and liver tissues. WB: Recombinant human GSTT2 protein; Mouse lung and rat kidney lysates.
General notes	This product was previously labelled as Glutathione S Transferase theta 2

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	pH: 7.4

	Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
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 **ab231792** in the following tested applications.

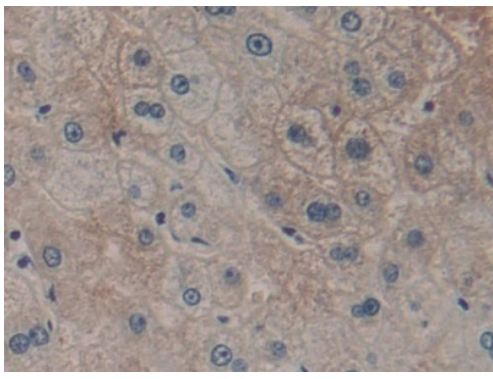
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.2 - 2 µg/ml.

Target

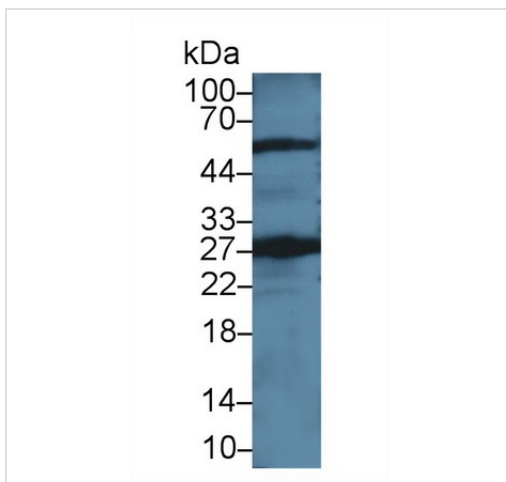
Function	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Has a sulfatase activity.
Tissue specificity	Expressed at low levels in liver. In lung, expressed at low levels in ciliated bronchiolar cells, alveolar macrophages and alveolar type II cells.
Sequence similarities	Belongs to the GST superfamily. Theta family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.
Cellular localization	Cytoplasm.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GSTT2 antibody (ab231792)

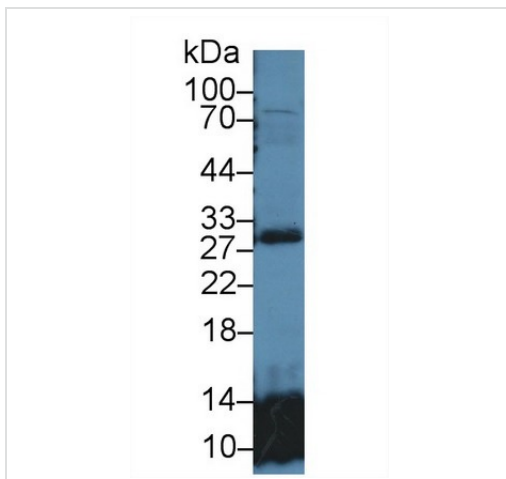
Formalin-fixed, paraffin-embedded human liver tissue stained for GSTT2 using ab231792 at 20 µg/mL in immunohistochemical analysis. DAB staining.



Western blot - Anti-GSTT2 antibody (ab231792)

Anti-GSTT2 antibody (ab231792) at 1 µg/ml + Rat kidney lysate.

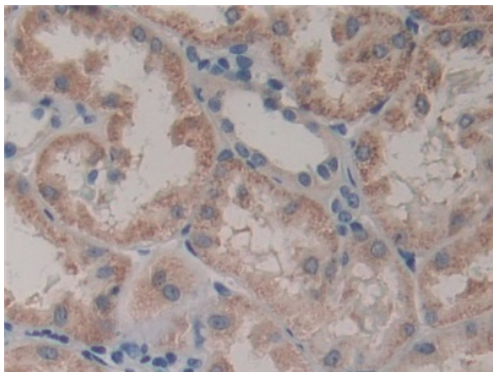
Developed using the ECL technique.



Western blot - Anti-GSTT2 antibody (ab231792)

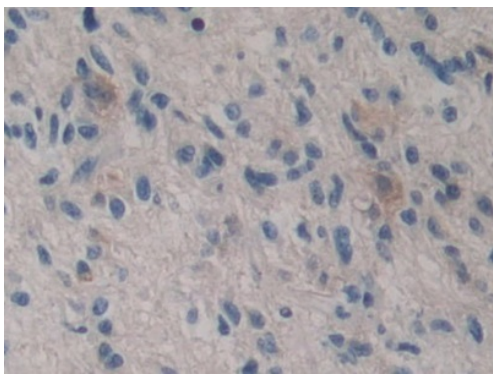
Anti-GSTT2 antibody (ab231792) at 2 µg/ml + Mouse lung lysate

Developed using the ECL technique.



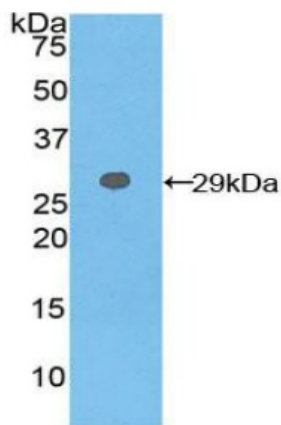
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GSTT2 antibody (ab231792)

Formalin-fixed, paraffin-embedded human kidney tissue stained for GSTT2 using ab231792 at 20 µg/mL in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GSTT2 antibody (ab231792)

Formalin-fixed, paraffin-embedded human glioma tissue stained for GSTT2 using ab231792 at 10 µg/mL in immunohistochemical analysis. DAB staining.



Western blot - Anti-GSTT2 antibody (ab231792)

Anti-GSTT2 antibody (ab231792) at 2 µg/ml + Recombinant human GSTT2 protein

Developed using the ECL technique.

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