

Product datasheet

Anti-GST3 / GST pi antibody ab153949

★★★★★ [4 Abreviews](#) [7 References](#) [5 Images](#)

Overview

Product name	Anti-GST3 / GST pi antibody
Description	Rabbit polyclonal to GST3 / GST pi
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment, corresponding to a region within amino acids 1-176 of Human GST3/ GST pi (Uniprot ID P09211).
Positive control	Recombinant Human GST3 / GST pi protein (ab86703) can be used as a positive control in WB. HeLa, Molt-4, mouse brain and rat brain whole cell lysates. HeLa cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab153949 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	★★★★★ (3)	1/500 - 1/3000. Predicted molecular weight: 23 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

Target

Function

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.

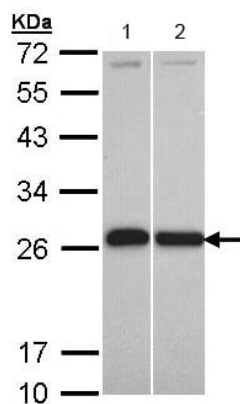
Sequence similarities

Belongs to the GST superfamily. Pi family.

Contains 1 GST C-terminal domain.

Contains 1 GST N-terminal domain.

Images



Western blot - Anti-GST3 / GST pi antibody
(ab153949)

All lanes : Anti-GST3 / GST pi antibody (ab153949) at 1/1000 dilution

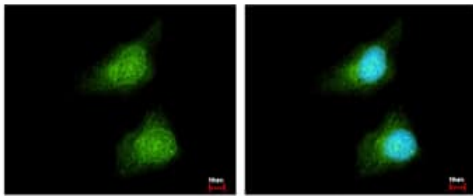
Lane 1 : HeLa whole cell lysate

Lane 2 : Molt-4 whole cell lysate

Lysates/proteins at 30 µg per lane.

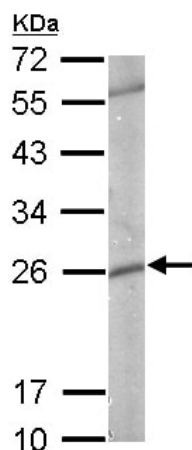
Predicted band size: 23 kDa

12% SDS PAGE



Immunofluorescent analysis methanol fixed HeLa cells; labeling GST3 / GST pi with ab153949 at 1/200 dilution. Blue: Hoechst 33343 staining

Immunocytochemistry/ Immunofluorescence - Anti-GST3 / GST pi antibody (ab153949)

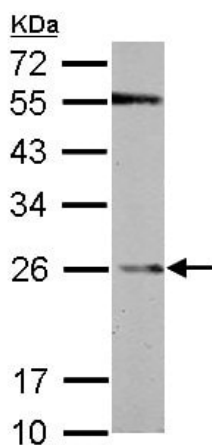


Anti-GST3 / GST pi antibody (ab153949) at 1/1000 dilution + Mouse brain whole cell lysate at 50 µg

Predicted band size: 23 kDa

12% SDS PAGE

Western blot - Anti-GST3 / GST pi antibody (ab153949)

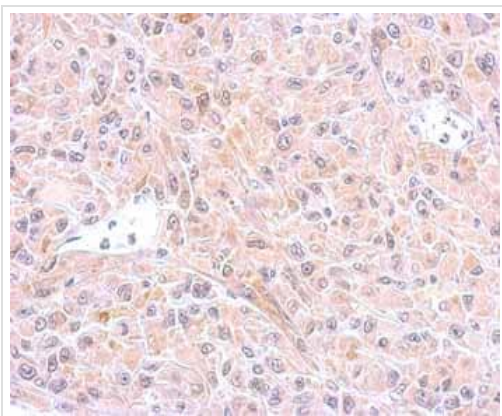


Anti-GST3 / GST pi antibody (ab153949) at 1/1000 dilution + Rat brain whole cell lysate at 50 µg

Predicted band size: 23 kDa

12 % SDS-PAGE

Western blot - Anti-GST3 / GST pi antibody (ab153949)



Immunohistochemical analysis of paraffin-embedded U87 xenograft, labeling GST3 / GST pi with ab153949 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GST3 / GST pi antibody (ab153949)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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