

Product datasheet

Anti-GSTM5 antibody ab154018

1 References 4 Images

Overview

Product name	Anti-GSTM5 antibody
Description	Rabbit polyclonal to GSTM5
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 1-218 of Human GSTM5 (Uniprot ID: P46439).
Positive control	Mouse and Rat testis lysates; HeLa cells; Human SG xenograft tissue.

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	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab154018** 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		1/5000 - 1/20000. Predicted molecular weight: 26 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/1000.

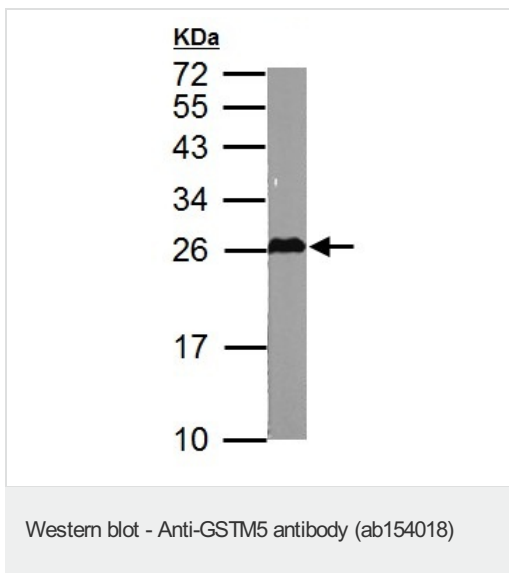
Target

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

Sequence similarities Belongs to the GST superfamily. Mu family.
 Contains 1 GST C-terminal domain.
 Contains 1 GST N-terminal domain.

Cellular localization Cytoplasm.

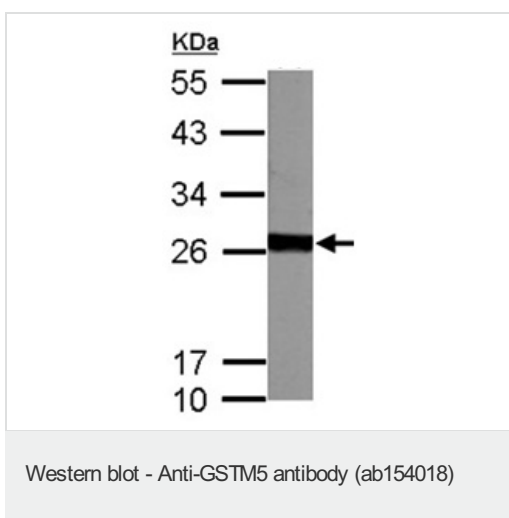
Images



Anti-GSTM5 antibody (ab154018) at 1/10000 dilution + Mouse testis whole cell lysate at 50 µg

Predicted band size: 26 kDa

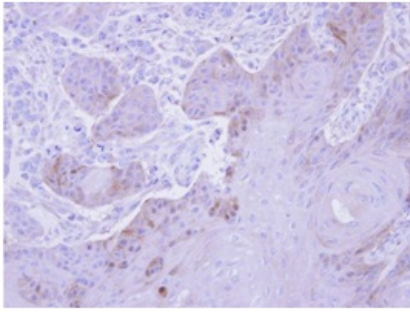
12% SDS PAGE



Anti-GSTM5 antibody (ab154018) at 1/10000 dilution + Rat testis whole cell lysate at 50 µg

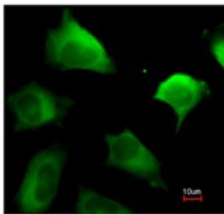
Predicted band size: 26 kDa

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Immunohistochemical analysis of paraffin-embedded Human SG xenograft tissue labeling GSTM5 with ab154018 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GSTM5 antibody (ab154018)



Immunofluorescent analysis of paraformaldehyde-fixed HeLa cells labeling GSTM5 with ab154018 at 1/200 dilution. Lower image is merged with DNA probe.

Immunocytochemistry/ Immunofluorescence - Anti-GSTM5 antibody (ab154018)

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