


Product datasheet

Anti-GSTM2 antibody ab62550

3 Images

Overview

<b>Product name</b>	Anti-GSTM2 antibody
<b>Description</b>	Rabbit polyclonal to GSTM2
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Monkey 
<b>Immunogen</b>	Synthetic peptide: TQSNAILRYIARKHNLCGES EKEQIREIDIL ENQFMDSRMQ LAKLCYDPDF (Human) <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Fetal liver cell lysate or human muscle tissue.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab62550** in the following tested applications.

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

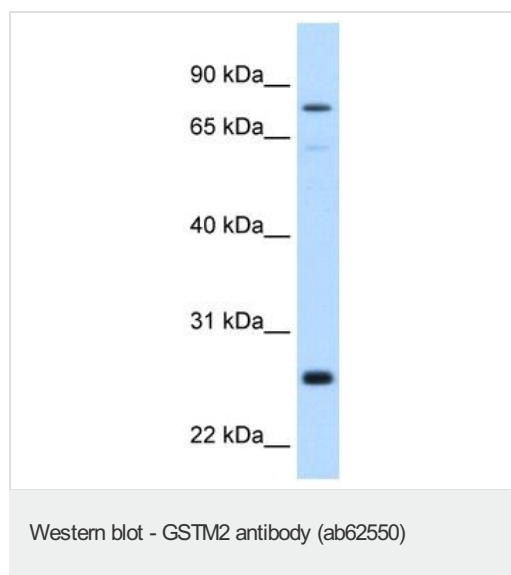
Application	Abreviews	Notes
WB		Use a concentration of 0.25 µg/ml. Detects a band of approximately 26 kDa (predicted molecular weight: 26 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Application	Abreviews	Notes
IHC-P		Use a concentration of 4 - 8 µg/ml.

## Target

<b>Function</b>	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
<b>Tissue specificity</b>	Muscle.
<b>Sequence similarities</b>	Belongs to the GST superfamily. Mu family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.
<b>Cellular localization</b>	Cytoplasm.

## Images



Anti-GSTM2 antibody (ab62550) at 0.25 µg/ml  
+ Fetal liver cell lysate at 10 µg

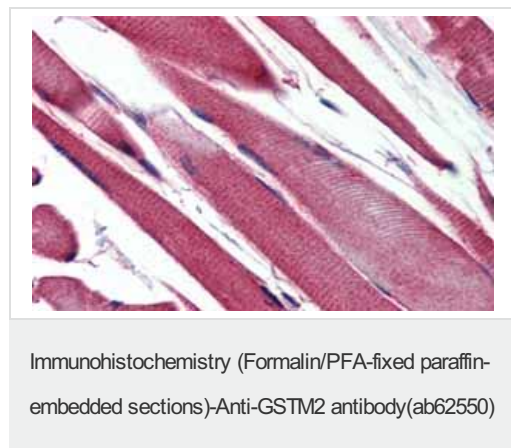
### Secondary

HRP conjugated anti-Rabbit IgG (1/50,000 -  
1/100,000)

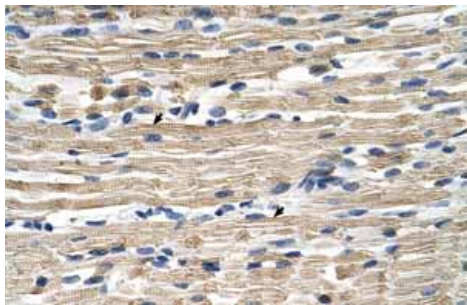
**Predicted band size** : 26 kDa

**Observed band size** : 26 kDa

**Additional bands at** : 80 kDa. We are  
unsure as to the identity of these extra bands.



Immunohistochemistry of Human Skeletal  
Muscle lysate tissue at an antibody  
concentration of 5.0µg/ml using anti-GSTM2  
antibody (ab62550)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human muscle tissue labelling GSTM2 with ab62550 at 4-8µg/ml. Arrows indicate positively labelled skeletal muscle cells. Magnification: 400X.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)-Anti-GSTM2 antibody(ab62550)

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