10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GSTM2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52009

Specification

GSTM2 Antibody - Product Information

Application	**WB**
Primary Accession	P28161
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**26 KDa**
Antigen Region	**51 - 110**

GSTM2 Antibody - Additional Information

Gene ID 2946

Other Names
Glutathione S-transferase Mu 2, GST class-mu 2, GSTM2-2, GSTM2, GST4

Target/Specificity
KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GSTM2. The exact sequence is proprietary.

Dilution
WB~~ 1:1000

Format
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage
Store at -20 °C.Stable for 12 months from date of receipt

GSTM2 Antibody - Protein Information

Name GSTM2 (HGNC:4634)

Synonyms GST4

Function
Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Participates in the formation of novel hepoxilin regioisomers (PubMed:21046276).

Cellular Location
Cytoplasm.

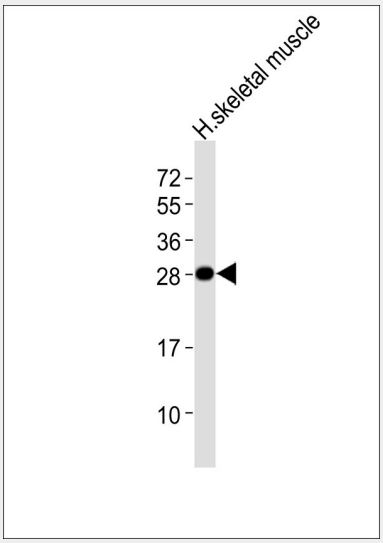
Tissue Location
Muscle.

GSTM2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GSTM2 Antibody - Images



Anti-GSTM2 Antibodyat 1:1000 dilution + human skeletal muscle lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 26 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

GSTM2 Antibody - Background

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

GSTM2 Antibody - References

Vorachek W.R.,et al.Proc. Natl. Acad. Sci. U.S.A. 88:4443-4447(1991).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).
Ross V.L.,et al.Biochem. J. 294:373-380(1993).