

GSTM2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP52009

Product Information

Application	WB
Primary Accession	P28161
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25745

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

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.

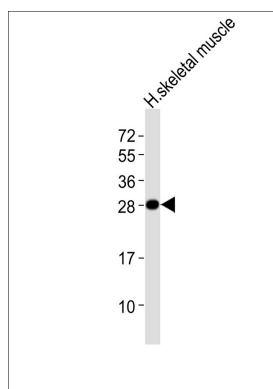
Background

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

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).

Images



Anti-GSTM2 Antibody at 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.