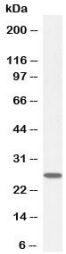
GSTM4 Antibody / Glutathione S-Transferase mu 4 (R36474)

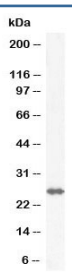
Catalog No.	Formulation	Size
R36474-100UG	0.5 mg/ml in 1X TBS, pH7.3, with 0.5% BSA (US sourced) and 0.02% sodium azide	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Goat
Clonality	Polyclonal (goat origin)
Isotype	Goat Ig
Purity	Antigen affinity
UniProt	Q03013
Applications	Western blot: 0.1-0.3ug/ml ELISA (peptide) LOD: 1:128000
Limitations	This GSTM4 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with GSTM4 antibody at 0.1ug/ml. Predicted molecular weight ~26 kDa.



Western blot testing of rat lung lysate with GSTM4 antibody at 0.3ug/ml. Predicted molecular weight ~26 kDa.

Description

Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. At present, eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta and zeta. The mu class of enzymes functions in the detoxification of electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins and products of oxidative stress, by conjugation with glutathione. [Wiki]

Application Notes

Optimal dilution of the GSTM4 antibody should be determined by the researcher.

Immunogen

Amino acids DVSNQLARVCYSPD were used as the immunogen for this GSTM4 antibody.

Storage

Aliquot and store the GSTM4 antibody at -20oC.

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