

GSTT1/4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03854
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GSTT1/4. AA range:10-59
Mol wt	27335
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	GSTT1/4 Antibody
Synonyms	GSTT1; Glutathione S-transferase theta-1; GST class-theta-1; Glutathione transferase T1-1; GSTT4; Glutathione S-transferase theta-4; GST class-theta-4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Glutathione S-transferase theta-1 encoded by GSTT1 is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: alpha, mu, pi, theta, and zeta. The theta class includes GSTT1, GSTT2, and GSTT2B. GSTT1 and GSTT2/GSTT2B share 55% amino acid sequence identity and may play a role in human carcinogenesis. The GSTT1 gene is haplotype-specific and is absent from 38% of the population. Alternative splicing of this gene results in multiple transcript variants.

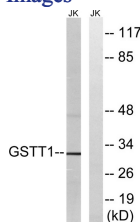
Recommended Dilution

WB: 1: 500 - 1: 2000

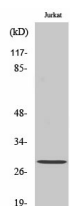
ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of lysates from Jurkat cells, using GSTT1/4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GSTT1/4 Polyclonal Antibody

Storage

-20°C for one year

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