GSTM5 rabbit pAb

Catalog_no：	AN4254
Applications：	WB
Reactivity：	Human, Mouse,Rat
Category：	抗原抗体
Size：	100μg/50μg/20μg
Gene_name：	GSTM5
Protein_name：	GSTM5
Humangene_id：	2949
Humanswissprot_no：	P46439
Mousegene_id：	14866
Mouseswissprot_no：	P48774
Ratgene_id：	100912430
Ratswissprot_no：	Q9Z1B2
Immunogen：	Synthesized peptide derived from human GSTM5
Specificity：	This antibody detects endogenous levels of GSTM5 at Human/Mouse/Rat
Formulation：	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source：	Rabbit
Dilution：	WB 1：500-2000
Purification：	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration：	1 mg/ml
Storage_stability：	-20°C/1 year
Background：	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. This gene encodes a glutathione S-transferase that belongs to the mu class. 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. The genes encoding the mu class of enzymes are organized in a gene cluster on chromosome 1p13.3 and are known to be highly polymorphic. These genetic variations can change an individual's susceptibility to carcinogens and toxins as well as affect the toxicity and efficacy of certain drugs. Diversification of these genes has occurred in regions encoding substrate-binding domains, as well as in tissue expression patterns, to accommodate an increasing number of foreign compounds. [provided by RefSeq, Jul 2008],