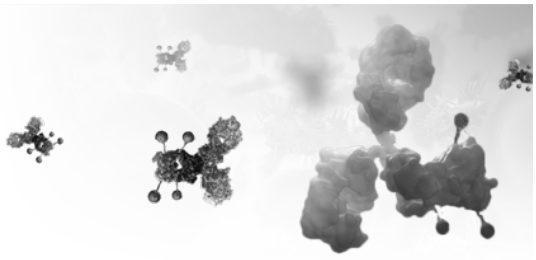

Mouse anti-Human GPT2 monoclonal antibody, clone 8B22 (CABT-B10359)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	GPT2 (NP_597700, 358 a.a. ~ 456 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	8B22
Conjugate	Unconjugated
Applications	WB, WB, Immunofluorescence, sELISA, ELISA
Sequence Similarities	NLHPEIKGQLVKLLSVRLCPPVSGQAAMDIVVNPPVAGEESFEQFSREKESVLGNLAKKA KLTEDLFNQVPGIHCNPLQGAMYAFPRIFIPAKAVEAAQ
Format	Liquid
Buffer	In 1x PBS, pH 7.4
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes one of the two pyridoxal enzymes which catalyze a reversible transamination reaction to yield glutamate and pyruvate so these enzymes participate in amino acid metabolism and gluconeogenesis. Multiple transcript variants encoding different isoforms

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	have been found for this gene. [provided by RefSeq, Dec 2011]
Keywords	GPT2; glutamic pyruvate transaminase (alanine aminotransferase) 2; ALT2; alanine aminotransferase 2; GPT 2; glutamic--alanine transaminase 2; glutamic--pyruvic transaminase 2; glutamic-pyruvate transaminase 2; glutamate pyruvate transaminase 2;

GENE INFORMATION

Entrez Gene ID	84706
UniProt ID	Q8TD30
Pathway	Alanine, aspartate and glutamate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, conserved biosystem; Amino acid synthesis and interconversion (transamination), organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; alanine biosynthesis II, conserved biosystem;
Function	L-alanine:2-oxoglutarate aminotransferase activity; L-alanine:2-oxoglutarate aminotransferase activity; pyridoxal phosphate binding; transaminase activity;

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