

Rabbit anti-Human, mouse GPT2 Polyclonal Antibody | anti-GPT2 antibody

GPT2 Antibody (N-term)

CATALOG # AAA287414	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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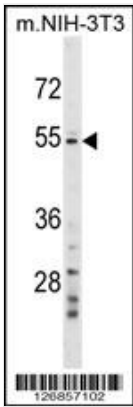
PRODUCT SYNONYMS

GPT2; Polyclonal Antibody; GPT2 Antibody (N-term); Alanine aminotransferase 2; ALT2; Glutamate pyruvate transaminase 2; GPT 2; Glutamic--alanine transaminase 2; Glutamic--pyruvic transaminase 2; AAT2; anti-GPT2 antibody

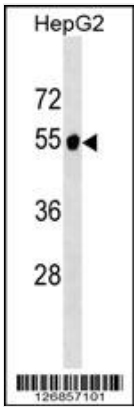
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GPT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-44 amino acids from the N-terminal region of human GPT2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	15-44
Sequence Length	423
Applicable Applications for anti-GPT2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
GPT2 Antibody (N-term) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the GPT2 antibody detected the GPT2 protein (arrow).



WB (Western Blot)
GPT2 Antibody (N-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the GPT2 antibody detected the GPT2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GPT2 antibody	GPT (MIM 138200) and GPT2 (EC 2.6.1.2), also known as alanine transaminases, are pyridoxal enzymes that catalyze the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate. By mediating the conversion of these 4 major intermediate metabolites, these transaminases have roles in gluconeogenesis and in amino acid metabolism.
Product Categories/Family for anti-GPT2 antibody	Metabolism; Signal Transduction
References	Glinghammar, B., et al. Int. J. Mol. Med. 23(5):621-631(2009) Fraser, A., et al. Hepatology 46(1):158-165(2007) Ding, Y., et al. World J. Gastroenterol. 12(43):7038-7041(2006) Martin, J., et al. Nature 432(7020):988-994(2004) Yang, R.Z., et al. Genomics 79(3):445-450(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	215599424
NCBI GeneID	84706
NCBI Accession #	NP_001135938.1; NP_597700.1
NCBI GenBank Nucleotide #	NM_001142466.2
UniProt Accession #	Q8TD30; Q8N9E2
Molecular Weight	57904
NCBI Official Full Name	alanine aminotransferase 2 isoform 2
NCBI Official Synonym Full Names	glutamic pyruvate transaminase (alanine aminotransferase) 2
NCBI Official Symbol	GPT2
NCBI Official Synonym Symbols	ALT2; GPT 2; MRT49
NCBI Protein Information	alanine aminotransferase 2
UniProt Protein Name	Alanine aminotransferase 2
UniProt Gene Name	GPT2

UniProt Synonym Gene Names	AAT2; ALT2; ALT2; GPT 2
UniProt Entry Name	ALAT2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gpt2-antibody-western-blot-elisa/287414>