

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

GPT2 Polyclonal Antibody

CATALOG # AAA176034	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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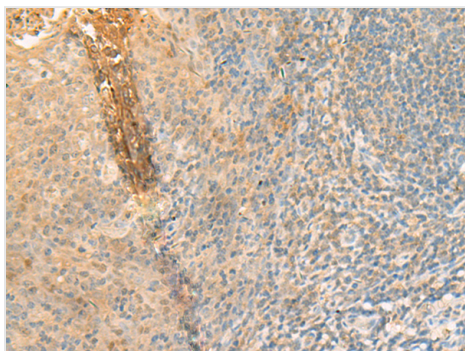
PRODUCT SYNONYMS

GPT2; Polyclonal Antibody; GPT2 Polyclonal Antibody; AAT2; Alanine aminotransferase 2; ALAT2; ALT2; Glutamate pyruvate transaminase 2; Glutamic alanine transaminase 2; Glutamic pyruvate transaminase (alanine aminotransferase) 2; Glutamic pyruvic transaminase 2; Glutamic--alanine transaminase 2; Glutamic--pyruvic transaminase 2; GPT 2; Gpt2; anti-GPT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	2.16mg/mL (varies by lot)
Sequence Length	523
Applicable Applications for anti-GPT2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human GPT2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using GPT2 Polyclonal Antibody at dilution of 1:70(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-GPT2 antibody	This gene encodes a mitochondrial alanine transaminase, a pyridoxal enzyme that catalyzes the reversible transamination between alanine and 2-oxoglutarate to generate pyruvate and glutamate. Alanine transaminases play roles in gluconeogenesis and amino acid metabolism in many tissues including skeletal muscle, kidney, and liver. Activating transcription factor 4 upregulates this gene under metabolic stress conditions in hepatocyte cell lines. A loss of function mutation in this gene has been associated with developmental encephalopathy. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-GPT2 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	74730602
NCBI GeneID	84706
UniProt Accession #	Q8TD30
NCBI Official Full Name	Alanine aminotransferase 2
NCBI Official Synonym Full Names	glutamic--pyruvic transaminase 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-immunohistochemistry-elisa/176034>