

DNAxPAb

Hard-to-Find
Antibody

GPT2 DNAxPab

Catalog # H00084706-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GPT2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MQRAAALVRRGCGPRTTPSSWGRSQSSAAAEASAVLKVRPERSRRERILTLESMNPQVKAVEYA VRGPVILKAGEIELELQRGIKKPFTEVIRANIGDAQAMGQQPITFLRQVMALCTYPNLLDSPSPED AKKRARRILQACGGNSLGSSASQGVNCIREDVAAAYITRDGGVPADPDNMLTTGASDGISTILKIL VSGGGKSRTGVMIPQYPLYSAVISELDAIQVNYLDEENCWALNVNELRRAVQEAKDHCDPKVL CIINPGNPTGQVQSRKCIEDVIHFAWEEKLFLLADEVYQDNVYSPDCRFHSFKVLVYEMGPEYSSN VELASFHSTSKGYMGECGYRGGYMEVINLHPEIKGQLVKLLSVRLCPPVSGQAAMDIVNPPVAG EESFEQFSREKESVLGNLAKKAKLTEDLFNQVPGIHCNPLQGAMYAFPRIFIPAKAVEAAQAHQM APDMFYCMKLLLEETGICVVPGSGFGQREGTYHFRMTILPPVEKLKTVLQKVKDFHINFLEKYA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — GPT2

Entrez GeneID [84706](#)

GeneBank Accession# [NM_133443.1](#)

Protein Accession# [NP_597700.1](#)

Gene Name GPT2

Gene Alias ALT2

Gene Description glutamic pyruvate transaminase (alanine aminotransferase) 2

Omim ID [138210](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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.[supplied by OMIM]

Other Designations alanine aminotransferase 2|glutamic pyruvate transaminase 2|glutamic--alanine transaminase|glutamic--pyruvic transaminase|glutamic-pyruvate transaminase 2

Pathway

- [Alanine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Metabolic pathways](#)