

GPT2 rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|
| A15316 | Rabbit | 1 mg/ml | 57904 |
| Applications | WB,ELISA | | |
| Reactivity | Human | | |
| Dilution | WB: 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications. | | |
| Storage | -20°C/1 year | | |
| Specificity | GPT2 Polyclonal Antibody detects endogenous levels of GPT2 protein. | | |
| Source / Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. | | |
| Immunogen | Synthesized peptide derived from GPT2 . at AA range: 190-270 | | |
| Uniprot No | Q8TD30 | | |
| Alternative names | GPT2; AAT2; ALT2; Alanine aminotransferase 2; ALT2; Glutamate pyruvate transaminase 2; GPT 2; Glutamic--alanine transaminase 2; Glutamic--pyruvic transaminase 2 | | |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. | | |
| Clonality | Polyclonal | | |
| Isotype | IgG | | |
| Conjugation | | | |
| Background | glutamic--pyruvic transaminase 2(GPT2) Homo sapiens 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. [provided by RefSeq, Apr 2015], | | |
| Other | GPT2, Alanine aminotransferase 2 | | |
| Product Images: | | | |

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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