

A11819

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GPT2 Rabbit pAb

Catalog No.: A11819

1 Publications

Basic Information

Observed MW

55kDa

Calculated MW

58kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human, Mouse

Background

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

84706

Swiss Prot

Q8TD30

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

ALT2; GPT 2; MRT49; NEDSPM; GPT2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

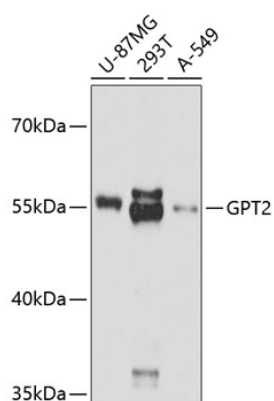
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Western blot analysis of various lysates using GPT2 Rabbit pAb (A11819) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.