

ABAT Rabbit pAb

CatalogNo: YN6842

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 55kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human ABAT

Specificity This antibody detects endogenous levels of ABAT at Human, Mouse, Rat

Target Information

Gene name ABAT GABAT

Protein Name 4-aminobutyrate aminotransferase, mitochondrial ((S)-3-amino-2-methylpropionate transaminase) (GABA aminotransferase) (GABA-AT) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA-T) (L-AIBAT)

Organism	Gene ID	UniProt ID
Human	18;	P80404;
Mouse	268860;	P61922;
Rat	81632;	P50554;

Cellular Localization Mitochondrion matrix.

Tissue specificity Liver > pancreas > brain > kidney > heart > placenta.

Function Catalyzes the conversion of gamma-aminobutyrate and L-beta-aminoisobutyrate to succinate semialdehyde and methylmalonate semialdehyde, respectively . Can also convert delta-aminovalerate and beta-alanine (By similarity).

| Validation Data

| Contact information

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ABAT Rabbit pAb

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