

ABAT/GABA-T Rabbit pAb

Catalog # AP53552

Product Information

Primary Accession	P80404
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	56439

Additional Information

Gene ID	18
Other Names	GABAT; NPD009; GABA-AT
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

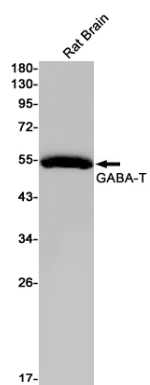
Name	ABAT (HGNC:23)
Synonyms	GABAT
Function	Catalyzes the conversion of gamma-aminobutyrate and L-beta-aminoisobutyrate to succinate semialdehyde and methylmalonate semialdehyde, respectively (PubMed: 10407778 , PubMed: 15528998). Can also convert delta-aminovalerate and beta-alanine (By similarity).
Cellular Location	Mitochondrion matrix.
Tissue Location	Liver > pancreas > brain > kidney > heart > placenta.

Background

Swiss-Prot Acc.P80404.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.

Images

Western blot detection of GABA-T in Rat Brain lysates using GABA-T Rabbit pAb(1:1000 diluted).Predicted band size:56kDa.Observed band size:56kDa.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.