Product Name: **ABAT Rabbit Monoclonal Antibody**
Catalog #: **AMRe02015**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.51mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 56 kDa; Observed MW: 56 kDa

Antigen Information

Gene Name	ABAT
Alternative Names	ABAT; GABA transaminase; GABA transferase; GABAT; LAIBAT
Gene ID	18
SwissProt ID	P80404
Immunogen	A synthetic peptide of human GABA-T

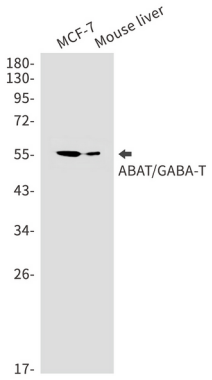
Background

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.

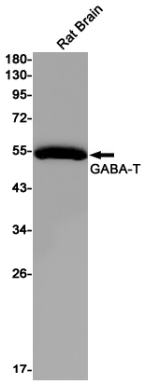
Research Area

Neuroscience

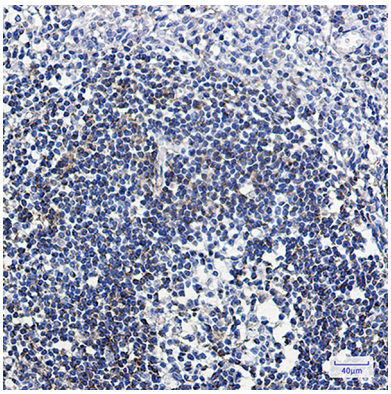
Image Data



Western blot analysis of ABAT/GABAT in MCF-7, mouse liver lysates using ABAT antibody.



Western blot analysis of GABAT in rat Brain lysates using GABAT antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using ABAT/GABAT antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.