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Anti-ABAT Rabbit Monoclonal Antibody

Catalog # ABO15629

Product Information

Application	WB, IHC, IP
Primary Accession	P80404
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-ABAT Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

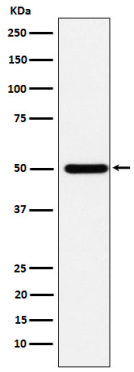
Gene ID	18
Other Names	4-aminobutyrate aminotransferase, mitochondrial, 2.6.1.19, (S)-3-amino-2-methylpropionate transaminase, 2.6.1.22, GABA aminotransferase, GABA-AT, Gamma-amino-N-butyrate transaminase, GABA transaminase, GABA-T, L-AIBAT, ABAT (HGNC:23), GABAT
Calculated MW	56439
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 22A05
Immunogen	A synthesized peptide derived from human ABAT
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated 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.

Images



Western blot analysis of ABAT expression in HepG2 cell lysate.

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