

Product datasheet

Recombinant Human ABAT/GABA-T protein ab152164

1 图像

描述

产品名称	重组人ABAT/GABA-T蛋白
表达系统	Wheat germ
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MENHHSPKGQRRFQRKGVIGAVFCRMSQSSPSRQGKEGCCRE GTAYAKAY QFMASHLSLGKPVSTGSI PRFNKALFNKQAKCKPNHYSFIGL SMLSPENF SIGCKYSVWFSETKGF
预测分子量	39 kDa including tags

技术指标

Our **Abpromise guarantee** covers the use of **ab152164** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

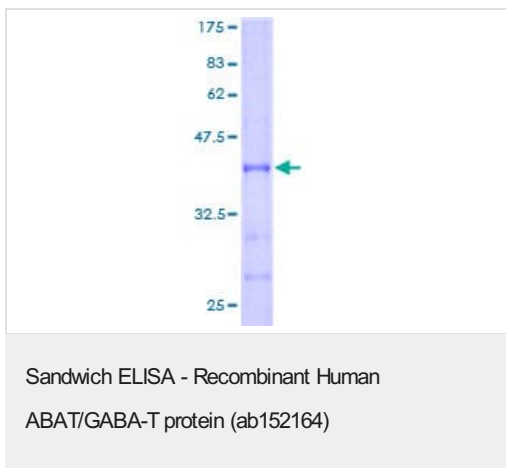
应用	ELISA Western blot SDS-PAGE
形式	Liquid
补充说明	This product was previously labelled as ABAT.

制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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功能	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.
组织特异性	Liver > pancreas > brain > kidney > heart > placenta.
疾病相关	Defects in ABAT are a cause of gamma-aminobutyrate transaminase deficiency (GABA-AT deficiency) [MIM:613163]. The phenotype of this deficiency includes psychomotor retardation, hypotonia, hyperreflexia, lethargy, refractory seizures, and EEG abnormalities.
序列相似性	Belongs to the class-III pyridoxal-phosphate-dependent aminotransferase family.
细胞定位	Mitochondrion matrix.

图片



12.5% SDS-PAGE analysis of ab152164 stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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