

Product Datasheet

ABAT Antibody H00000018-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00000018-D01P

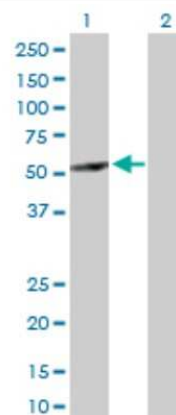
ABAT Antibody

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	18
Gene Symbol	ABAT
Species	Human
Specificity/Sensitivity	Reacts with 4-aminobutyrate aminotransferase.
Immunogen	ABAT (NP_000654.2, 1 a.a. - 500 a.a.) full-length human protein. MASMLLAQRLACSFQHSYRLLVPGSRHISQAAAKVDVEFDYDGPLMKTEVPGP RSQELMKQLNIIQNAAEAVHFFCNYYEESRGNLVDVDGNRMLDLYSQISSVPIGY SHPALLKLIQQPQNASMFVNRPALGILPPENFVEKLRQSLLSVAPKGMSQLITM ACGSCSNENALKTIFMWYRSKERGQRGFSQEELETCTMINQAPGCPDYSILSFM GAFHGRMGCLATTTHSKAIHKIDIPSFDWPIAPFPRLKYPLEEFVKENQQEEAR CLEEVEDLIVKYRKKKKTVAGIIVEPIQSEGGDNHASDDFFRKLRLDIARKHGCAF LVDEVQTGGGCTGKFWAHEHWGLDDPADVMTFSKKMMTGGFFHKEEFRPNA PYRIFNTWLGDPSKNLLAEVINIIKREDLLNNAAHAGKALLTGLLDLQARYPQFI SRVRGRGTFCSDTPDDSI RNKLIL IARNKGVVLGGCGDKSIRFRPTLVFRDHH AHLFLNIFSDILADFK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	This antibody is reactive against transfected lysate in WB and as a detection antibody in ELISA.



Images

Western Blot: ABAT Antibody [H00000018-D01P] - Analysis of ABAT expression in transfected 293T cell line by ABAT polyclonal antibody. Lane 1: ABAT transfected lysate(56.40 KDa).Lane 2: Non-transfected lysate.



Publications

Lee M, Schwab C, McGeer PL. Astrocytes are GABAergic cells that modulate microglial activity. *Glia* 2011-01-01 [PMID: 21046567]

Schwab C, Yu S, Wong W et al. GAD65, GAD67, and GABAT Immunostaining in Human Brain and Apparent GAD65 Loss in Alzheimer's Disease *J Alzheimers Dis* 2012-10-31 [PMID: 23114513]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.
Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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