

Product datasheet

Anti-GAD67 antibody ab104561

★☆☆☆☆ 1 Abreviews 1 References 2 图像

概述

产品名称	Anti-GAD67抗体
描述	山羊多克隆抗体to GAD67
宿主	Goat
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Cow, Dog, Pig
免疫原	Synthetic peptide: C-PDSPQRREKLHK , corresponding to internal sequence amino acids 526-537 of Human GAD1 (NP_000808.2). Run BLAST with Run BLAST with
阳性对照	Human Brain (Cerebellum); Mouse and Rat Brain lysates

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab104561** in the following tested applications.

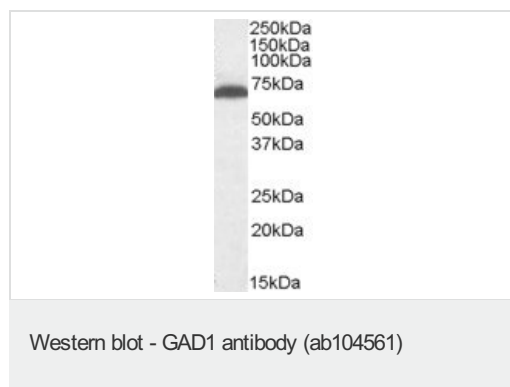
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 70 kDa (predicted molecular weight: 67 kDa).
IHC-P	★★★★★	Use a concentration of 4 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	Catalyzes the production of GABA.
组织特异性	Isoform 3 is expressed in pancreatic islets, testis, adrenal cortex, and perhaps other endocrine tissues, but not in brain.
疾病相关	Defects in GAD1 are the cause of cerebral palsy spastic quadriplegic type 1 (CPSQ1) [MIM:603513]. A non-progressive disorder of movement and/or posture resulting from defects in the developing central nervous system. Affected individuals manifest symmetrical, non-progressive spasticity and no adverse perinatal history or obvious underlying alternative diagnosis. Developmental delay, mental retardation and sometimes epilepsy can be part of the clinical picture.
序列相似性	Belongs to the group II decarboxylase family.

图片

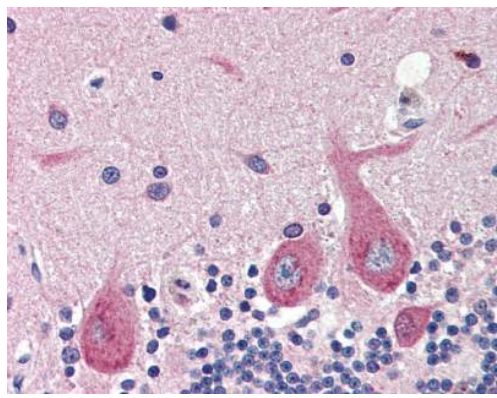


Anti-GAD67 antibody (ab104561) at 1 µg/ml +
 Mouse Brain lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

Predicted band size: 67 kDa

Primary incubation was 1 hour.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - GAD1 antibody (ab104561)

ab104561 at 4 $\mu\text{g/ml}$, staining GAD1 in formalin-fixed, paraffin-embedded Human Brain, Cerebellum by Immunohistochemistry using a biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.

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