abcam

Product datasheet

Anti-GABRD antibody ab110014

5 References 画像数 1

製品の概要

製品名	Anti-GABRD antibody
製品の詳細	Rabbit polyclonal to GABRD
由来種	Rabbit
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human **交差が予測される動物種:** Mouse, Rat
免疫原	Synthetic peptide corresponding to Human GABRD (internal sequence).
ポジティブ・コントロール	Extracts from LOVO or HT29 cells
特記事項	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 0.88% Sodium chloride, 50% Glycerol (glycerin, glycerine), PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee	**Abpromise保証は、次のテスト済みアプリケーションにおけるab110014の使用に適用されます**

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Predicted molecular weight: 50 kDa.

ターゲット情報

機能

GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.

関連疾患

Defects in GABRD are the cause of susceptibility to generalized epilepsy with febrile seizures plus type 5 (GEFS+5) [MIM:604233]. Generalized epilepsy with febrile seizures-plus refers to a rare familial condition with incomplete penetrance and large intrafamilial variability. Patients display febrile seizures persisting sometimes beyond the age of 6 years and/or a variety of afebrile seizure types. GEFS+ is a disease combining febrile seizures, generalized seizures often precipitated by fever at age 6 years or more, and partial seizures, with a variable degree of severity.
Defects in GABRD are the cause of susceptibility to idiopathic generalized epilepsy type 10 (IGE10) [MIM:613060]. A disorder characterized by recurring generalized seizures in the absence of detectable brain lesions and/or metabolic abnormalities. Generalized seizures arise diffusely and simultaneously from both hemispheres of the brain.
Defects in GABRD are the cause of susceptibility to juvenile myoclonic epilepsy type 7 (EJM7) [MIM:613060]. A subtype of idiopathic generalized epilepsy. Patients have afebrile seizures only, with onset in adolescence (rather than in childhood) and myoclonic jerks which usually occur after awakening and are triggered by sleep deprivation and fatigue.

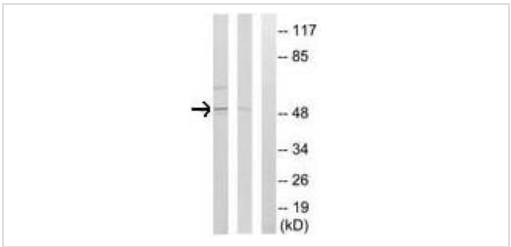
配列類似性

Belongs to the ligand-gated ion channel (TC 1.A.9) family. Gamma-aminobutyric acid receptor (TC 1.A.9.5) subfamily. GABRD sub-subfamily.

細胞内局在

Cell junction > synapse > postsynaptic cell membrane. Cell membrane.

画像



Western blot - Anti-GABRD antibody (ab110014)

All lanes : Anti-GABRD antibody (ab110014) at 1/500 dilution

Lane 1 : extracts from HT29 cells (5-30 ug total protein) with no immunizing peptide
Lane 2 : extracts from LOVO cells (5-30 ug total protein) with no immunizing peptide
Lane 3 : extracts from LOVO cells (5-30 ug total protein) with immunizing peptide (5-10 ug)

Predicted band size: 50 kDa

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