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Datasheet for ABIN7267323
anti-GABRD antibody (AA 330-430)

1 Image

Overview

Quantity:	100 µL
Target:	GABRD
Binding Specificity:	AA 330-430
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRD antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	GABRD Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 330-430 of human GABRD (NP_000806.2).
Sequence:	FAHFNADYRK KQKAKVKVSR PRAEMDVRNA IVLFLSLAAG VTQELAISRR QRRVPGNLMG SYRSVGVETG ETKKEGAARS GGQGGIRARL RPIDADTIDI Y
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

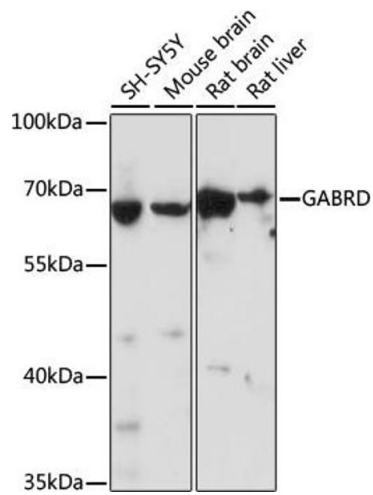
Target:	GABRD
Alternative Name:	GABRD (GABRD Products)
Background:	<p>Gamma-aminobutyric acid (GABA) is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. The GABA-A receptor is generally pentameric and there are five types of subunits: alpha, beta, gamma, delta, and rho. This gene encodes the delta subunit. Mutations in this gene have been associated with susceptibility to generalized epilepsy with febrile seizures, type 5. Alternatively spliced transcript variants have been described for this gene, but their biological validity has not been determined.,GABRD,EIG10,EJM7,GEFSP5,Neuroscience,GABRD</p>
Molecular Weight:	50kDa
Gene ID:	2563
UniProt:	014764

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using GABRD antibody (ABIN7267323) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.