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Datasheet for ABIN5532908
anti-GABRD antibody (AA 331-358)

3 Images

Overview

Quantity:	400 µL
Target:	GABRD
Binding Specificity:	AA 331-358
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRD antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GABRD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 331-358 amino acids from the Central region of human GABRD.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GABRD
Alternative Name:	GABRD (GABRD Products)
Background:	GABRD 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

Target Details

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 protein encodes the delta subunit.

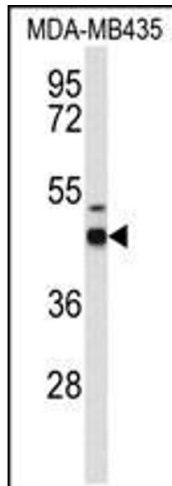
Molecular Weight:	51 kDa
Gene ID:	2563
UniProt:	014764

Application Details

Application Notes:	For WB starting dilution is: 1:1000
	For IHC-P starting dilution is: 1:50~100
	For FACS starting dilution is: 1:10~50
Restrictions:	For Research Use only

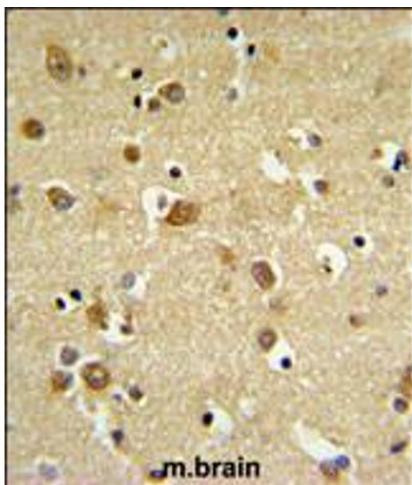
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



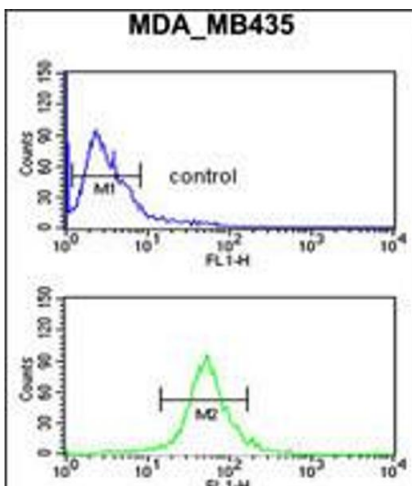
Western Blotting

Image 1. Western blot analysis of GABRD Antibody in MDA-MB435 cell line lysates (35ug/lane)



Immunohistochemistry

Image 2. GABRD Antibody IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.



Flow Cytometry

Image 3. Flow cytometric analysis of MDA-MB435 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.