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Datasheet for ABIN2792262
anti-GABRD antibody (N-Term)

5 Images

Overview

Quantity:	100 µL
Target:	GABRD
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GABRD
Sequence:	MDAPARLLAP LLLLCAQQLR GTRAMNDIGD YVGSNLEISW LPNLDGLIAG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%
Characteristics:	This is a rabbit polyclonal antibody against GABRD. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	GABRD
Alternative Name:	GABRD (GABRD Products)

Target Details

Background: 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. The GABRD gene encodes the delta subunit. 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.

Alias Symbols: MGC45284, EJM7, EIG10, GEFSP5

Protein Interaction Partner: NOTCH2NL, UBQLN1, UBQLN4, UBC,

Protein Size: 452

Molecular Weight: 51 kDa

Gene ID: 2563

NCBI Accession: [NM_000815](#), [NP_000806](#)

UniProt: [O14764](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 452 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

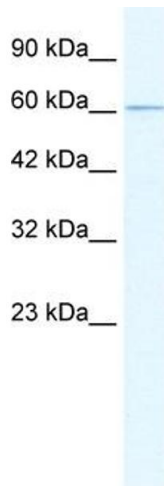
Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

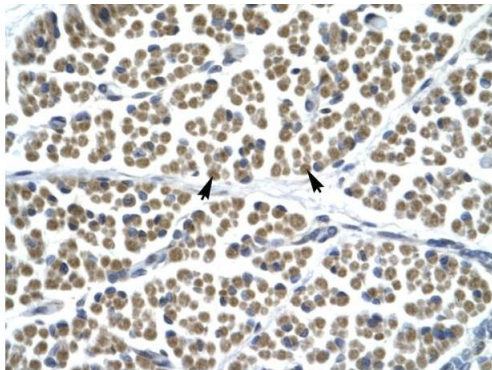
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-GABRD Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate

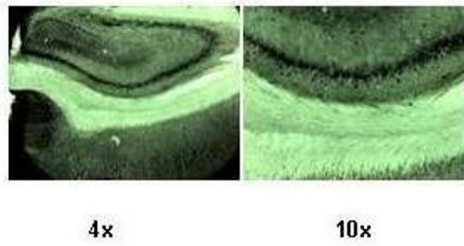


Immunohistochemistry

Image 2. Human Muscle

Rabbit Anti-GABRD Antibody
Catalog Number: AVARP13032
Lot Number: QC0409
Paraffin Embedded Tissue: Human Muscle
Cells with Positive label: Skeletal muscle cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

GABRD



Immunohistochemistry

Image 3. Sample Type : Rat brain section Primary Antibody Dilution : 1:1000 Secondary Antibody : Anti-rabbit-biotin, streptavidin-diaminobenzidine Secondary Antibody Dilution : 1:500 Gene Name : GABRD Submitted by : Dr. Amiel Rosenkranz, Rosalind Franklin University

See IHC 2 Data and Customer Feedback for more Information

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2792262.