

Datasheet for ABIN2792264 anti-GABRG2 antibody (N-Term)

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Quantity:	100 μL
Target:	GABRG2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRG2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GABRG2
Immunogen: Sequence:	
	GABRG2
Sequence:	GABRG2 GFTSQKSDDD YEDYASNKTW VLTPKVPEGD VTVILNNLLE GYDNKLRPDI Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat:
Sequence: Predicted Reactivity:	GABRG2 GFTSQKSDDD YEDYASNKTW VLTPKVPEGD VTVILNNLLE GYDNKLRPDI Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100% This is a rabbit polyclonal antibody against GABRG2. It was validated on Western Blot using a
Sequence: Predicted Reactivity: Characteristics:	GABRG2 GFTSQKSDDD YEDYASNKTW VLTPKVPEGD VTVILNNLLE GYDNKLRPDI Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100% This is a rabbit polyclonal antibody against GABRG2. It was validated on Western Blot using a cell lysate as a positive control.
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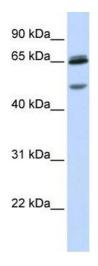
Target Details

Alternative Name:	GABRG2 (GABRG2 Products)	
Background:	GABRG2 is a gamma-aminobutyric acid (GABA) receptor. GABA is the major inhibitory	
	neurotransmitter in the mammlian brain, where it acts at GABA-A receptors, which are ligand-	
	gated chloride channels. GABA-A receptors are pentameric, consisting of proteins from severa	
	subunit classes: alpha, beta, gamma, delta and rho. Mutations in this gene have been	
	associated with epilepsy and febrile seizures. Multiple transcript variants encoding different	
	isoforms have been identified for this gene. This gene encodes a gamma-aminobutyric acid	
	(GABA) receptor. GABA is the major inhibitory neurotransmitter in the mammlian brain, where i	
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	pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and	
	rho. Mutations in this gene have been associated with epilepsy and febrile seizures. Multiple	
	transcript variants encoding different isoforms have been identified for this gene.	
	Alias Symbols: CAE2, ECA2, GEFSP3	
	Protein Interaction Partner: ZDHHC3, GABARAP, PRKCB, PRKCA, GABRG2, DRD5, PPP3CA,	
	Protein Size: 467	
Molecular Weight:	50 kDa	
Gene ID:	2566	
NCBI Accession:	NM_000816, NP_000807	
UniProt:	Q5REA1	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 467 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	

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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-GABRG2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human brain