

Datasheet for ABIN2776116
anti-GABRB2 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	GABRB2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Zebrafish (Danio rerio), Rabbit, Horse, Guinea Pig, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRB2 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 GABRB2
Sequence:	HPDGTVLYGL RITTTAACMM DLRRYPLDEQ NCTLEIESYG YTTDDIEFYW
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against GABRB2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GABRB2
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Target Details

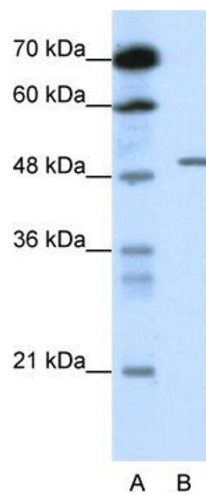
Alternative Name:	GABRB2 (GABRB2 Products)
Background:	The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. GABRB2 encodes GABA A receptor, beta 2 subunit. Protein Interaction Partner: UBC, UBQLN1, TRAK2, ARFGEF2, PRKCB, PPP3CA, Protein Size: 474
Molecular Weight:	55 kDa
Gene ID:	2561
NCBI Accession:	NM_000813 , NP_000804
UniProt:	P47870
Pathways:	Sensory Perception of Sound , Synaptic Membrane

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 474 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 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.



Western Blotting

Image 1. WB Suggested Anti-GABRB2 Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: HepG2
cell lysate