



Datasheet for ABIN2776110
anti-GABRA3 antibody (Middle Region)



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3 Images

Overview

Quantity:	100 µL
Target:	GABRA3
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Cow, Rabbit, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GABRA3
Sequence:	AEVVYSWTLG KNKSVEVAQD GSRLNQYDLL GHVVGTEIIR SSTGEYVWMT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GABRA3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	GABRA3
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Target Details

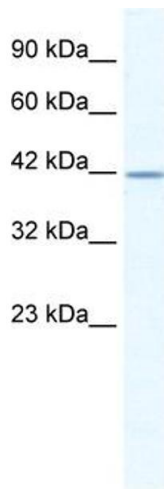
Alternative Name:	GABRA3 (GABRA3 Products)
Background:	<p>GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified.</p> <p>Protein Interaction Partner: SDCBP2, UGT2B7, UBQLN1,</p> <p>Protein Size: 492</p>
Molecular Weight:	55 kDa
Gene ID:	2556
NCBI Accession:	NM_000808 , NP_000799
UniProt:	P34903

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 492 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.

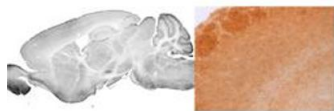


Western Blotting

Image 1. WB Suggested Anti-GABRA3 Antibody Titration: 2.5ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate

Immunohistochemistry

Image 2.



GABRA3 (ARP34981_T100)
Immunohistochemistry
Sample: Mouse Bulbus
Dilution: 1:1000

Application data in forum

Submitted by:
Dr. Jean-Marc Fritschy
University of Zurich

Immunohistochemistry

Image 3. mouse bulbus

