

Datasheet for ABIN754003
anti-GABRG2 antibody (AA 41-140)

2 Images

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Overview

Quantity:	100 µL
Target:	GABRG2
Binding Specificity:	AA 41-140
Reactivity:	Human, Mouse, Rat, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRG2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GABRG2/GABA A Receptor gamma 2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rabbit, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	GABRG2
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Target Details

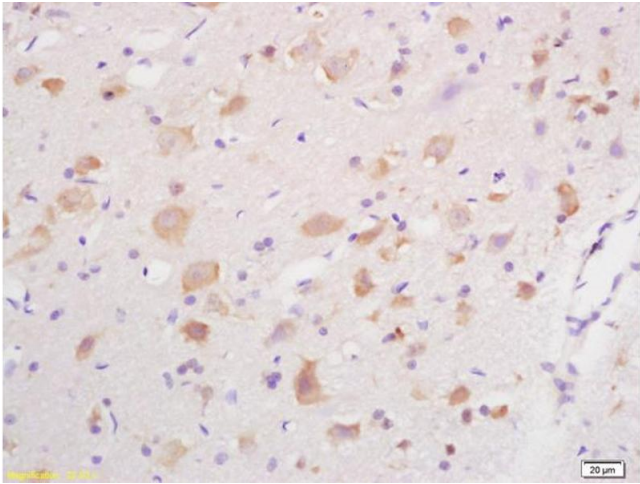
Alternative Name:	GABA A Receptor gamma 2 (GABRG2 Products)
Background:	<p>Synonyms: CAE2, ECA2, GEFSP3, Gamma-aminobutyric acid receptor subunit gamma-2, GABA(A) receptor subunit gamma-2, GABRG2</p> <p>Background: Component of the heteropentameric receptor for GABA, the major inhibitory neurotransmitter in the vertebrate brain. Functions also as histamine receptor and mediates cellular responses to histamine. Functions as receptor for diazepines and various anesthetics, such as pentobarbital, these are bound at a separate allosteric effector binding site. Functions as ligand-gated chloride channel.</p>
Gene ID:	2566
UniProt:	P18507

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

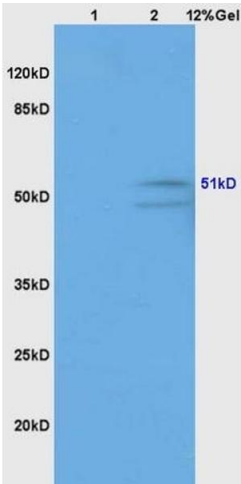
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti GABRG2/GABA A Receptor gamma 2 Polyclonal Antibody, Unconjugated (ABIN754003) at 1:200 followed by conjugation to the secondary antibody and DAB staining



SDS-PAGE

Image 2. Lane 1: human colon carcinoma lysates Lane 2: mouse brain lysates probed with Anti GABRG2/GABA A Receptor gamma 2 Polyclonal Antibody, Unconjugated (ABIN754003) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 51kD. Observed band size: 51kD.