

Datasheet for ABIN1535688

anti-GABBR1 antibody (AA 891-940)[Go to Product page](#)**2** Images**1** Publication

Overview

Quantity:	100 µL
Target:	GABBR1
Binding Specificity:	AA 891-940
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABBR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human GABBR1.
Isotype:	IgG
Specificity:	GABBR1 Antibody detects endogenous levels of total GABBR1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	GABBR1
Alternative Name:	GABBR1 (GABBR1 Products)
Background:	Synonyms: Gamma-aminobutyric acid type B receptor subunit 1, GABA-B receptor 1, GABA-B-

Target Details

	R1, Gb1, GABBR1, GPRC3A, NCBI Gene Symbol: GABBR1
Molecular Weight:	108 kDa
Gene ID:	2550
OMIM:	603540
UniProt:	Q9UBS5
Pathways:	Positive Regulation of Peptide Hormone Secretion, cAMP Metabolic Process

Application Details

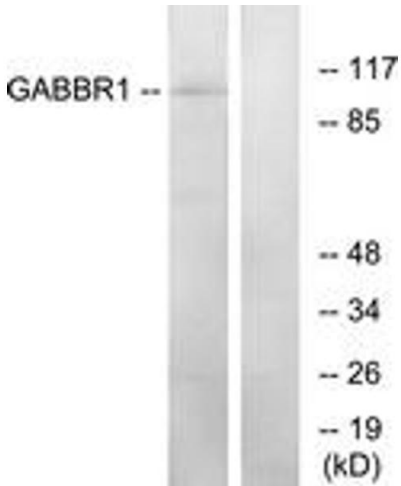
Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.167017, (NCBI Gene Symbol: GABBR1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

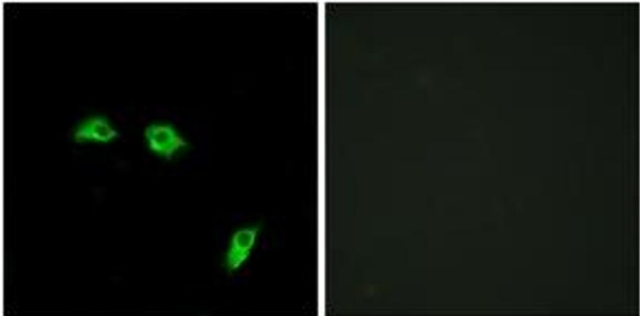
Publications

Product cited in:	Ullrich, Göhmann, Zemella, Kubick: "Oligomerization of the heteromeric γ-aminobutyric acid receptor GABAB in a eukaryotic cell-free system." in: Scientific reports , Vol. 12, Issue 1, pp. 20742, (2022) (PubMed).
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Western Blotting

Image 1. Western blot analysis of extracts from K562 cells, using GABBR1 Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using GABBR1 Antibody. The picture on the right is treated with the synthesized peptide.