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anti-GPR158 antibody (AA 1-50)

3 Images



Publication



Go to Product page

Overview

Quantity:	100 μL
Target:	GPR158
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR158 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

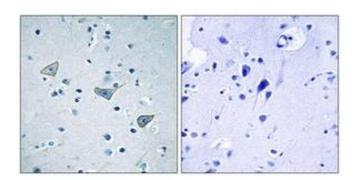
Immunogen:	The antiserum was produced against synthesized peptide derived from human GPR158.
Isotype:	IgG
Specificity:	GPR158 Antibody detects endogenous levels of total GPR158 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	GPR158
Alternative Name:	GPR158 (GPR158 Products)
Background:	Synonyms: Probable G-protein coupled receptor 158, GPR158, KIAA1136

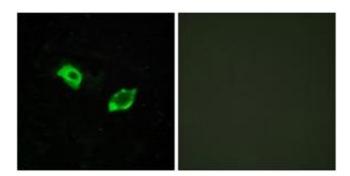
Target Details

rarget Details	
	NCBI Gene Symbol: GP158
Molecular Weight:	135 kDa
Gene ID:	57512
UniProt:	Q5T848
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling
Application Details	
Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:5000
Comment:	Unigene-Number: Hs.499108 (NCBI Gene Symbol: GP158)
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), 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:	Khrimian, Obri, Ramos-Brossier, Rousseaud, Moriceau, Nicot, Mera, Kosmidis, Karnavas,
	Saudou, Gao, Oury, Kandel, Karsenty: "Gpr158 mediates osteocalcin's regulation of cognition."
	in: The Journal of experimental medicine, Vol. 214, Issue 10, pp. 2859-2873, (2017) (PubMed



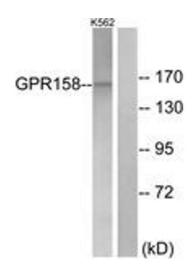
Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffinembedded human brain tissue, using GPR158 Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HuvEc cells, using GPR158 Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 3. Western blot analysis of extracts from K562 cells, using GPR158 Antibody. The lane on the right is treated with the synthesized peptide.