

Datasheet for ABIN1535721
anti-GPR158 antibody (AA 1-50)[Go to Product page](#)

3 Images

1 Publication

Overview

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

	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 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:	<p>Tukaj, Grüner, Tukaj, Zillikens, Kasperkiewicz: "Calcitriol exerts anti-inflammatory effects in keratinocytes treated with autoantibodies from a patient with bullous pemphigoid." in: Journal of the European Academy of Dermatology and Venereology : JEADV, (2015) (PubMed).</p> <p>Hakimi, Goto, Suganuma, Angeles, Kawai, Inoue, Kawazu: "Development of monoclonal antibodies against Plasmodium falciparum thioredoxin peroxidase 1 and its possible</p>
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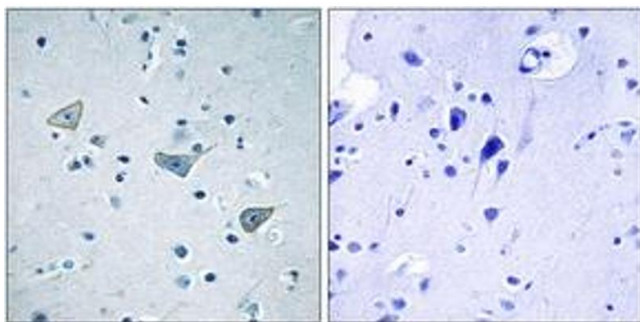
application for malaria diagnosis." in: **Experimental parasitology**, Vol. 154, pp. 62-6, (2015) ([PubMed](#)).

Ringel, Probst, Dammeyer, Buchmeier, Jänsch, Wissing, Tinnefeld, Mendel, Jockusch, Kruse: "Enzymatic characterization of recombinant nitrate reductase expressed and purified from *Neurospora crassa*." in: **Fungal genetics and biology : FG & B**, Vol. 80, pp. 10-8, (2015) ([PubMed](#)).

Tian, von Dahl, Liu, Friso, van Wijk, Klessig: "The combined use of photoaffinity labeling and surface plasmon resonance-based technology identifies multiple salicylic acid-binding proteins." in: **The Plant journal : for cell and molecular biology**, Vol. 72, Issue 6, pp. 1027-38, (2014) ([PubMed](#)).

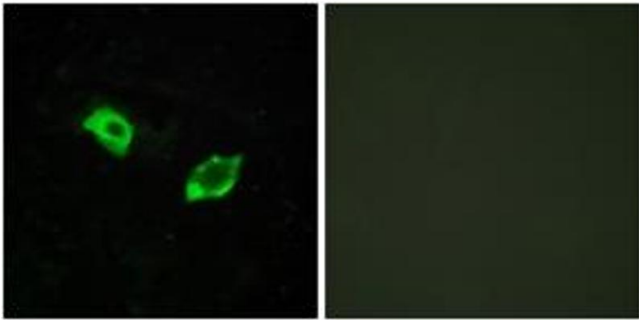
Muth, Schütze, Hain, Yagita, Schild, Probst: "A CD40/CD40L feedback loop drives the breakdown of CD8(+) T-cell tolerance following depletion of suppressive CD4(+) T cells." in: **European journal of immunology**, Vol. 44, Issue 4, pp. 1099-107, (2014) ([PubMed](#)).

Images



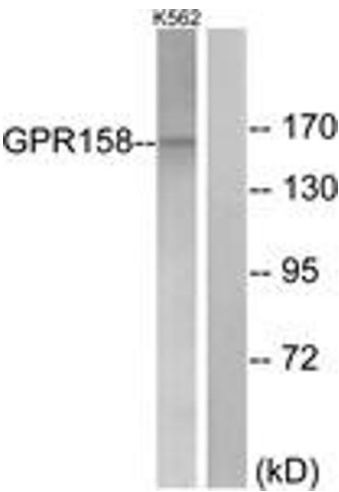
Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded 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.