

# GPR50 antibody



Catalog Number: 111130

## Product name

GPR50 antibody

## Specificity

Human, Mouse; other species not tested.

## Antibody description

GPR50 Rabbit Polyclonal antibody. Positive FC detected in K-562 cells. Positive IHC detected in mouse brain tissue. Positive IF detected in mouse brain tissue, SH-SY5Y cells. Positive WB detected in HEK-293 cells. Observed molecular weight by Western-blot: 67 kDa

## Preparation

This antibody was obtained by immunization of Peptide (Accession Number: NM\_004224). Purification method: Antigen affinity purified.

## Formulation

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

## Storage

Store at -20°C. DO NOT ALIQUOT

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

ELISA, IF, WB, IHC, FC

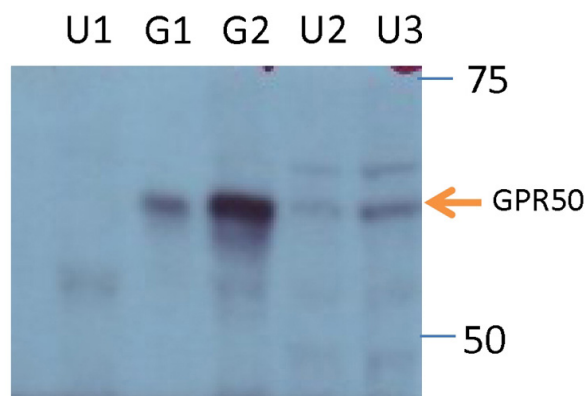
## Dilutions

Recommended Dilution:

WB: N/AIHC: 1:20-1:200

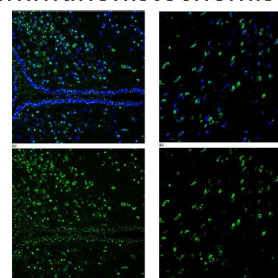
IF: 1:10-1:100

## Validations



WB result of anti-GPR50 (Catalog No:111130, 1:2000) by Dr. Qian Li, University of Edinburgh. U1: SH-SY5Y cells, untransfected, 10ug; G1: HEK293 cells, with transfected GPR50, 1ug; G2: HEK293 cells, with transfected GPR50, 10ug; U2: HEK293 cells, untransfected, with endogenous GPR50, 10ug; U3: HEK293 cells, untransfected, with endogenous GPR50, 20ug.

## Immunohistochemistry



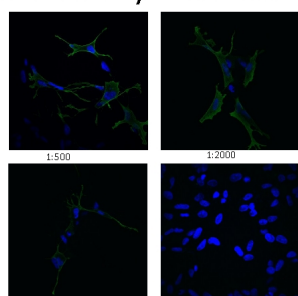
IF result of anti-GPR50 (Catalog No:111130, 1:50) with mouse brain tissue slide by Dr. Qian Li, University of Edinburgh.

# GPR50 antibody

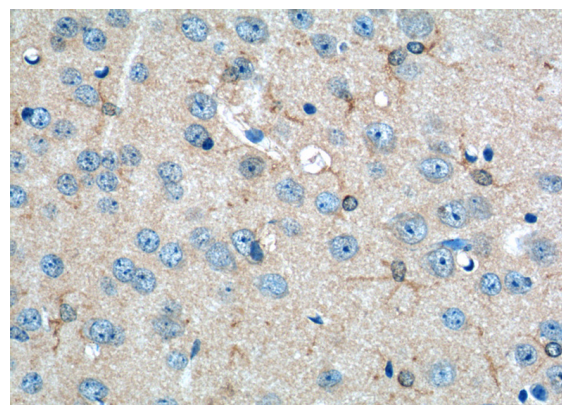


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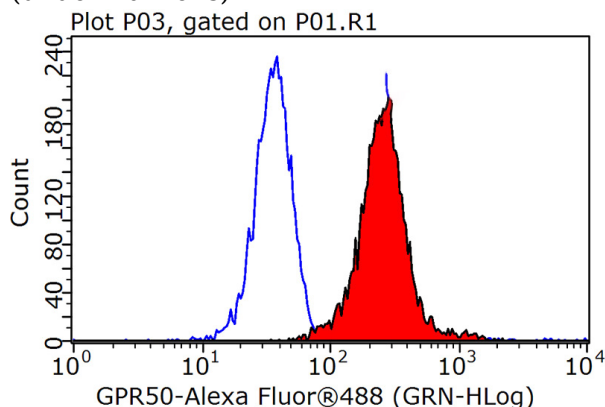
## Immunocytochemistry



Sample: SH-SY5Y cells, GPR50 transfected  
optimal dilution: 1 in 500

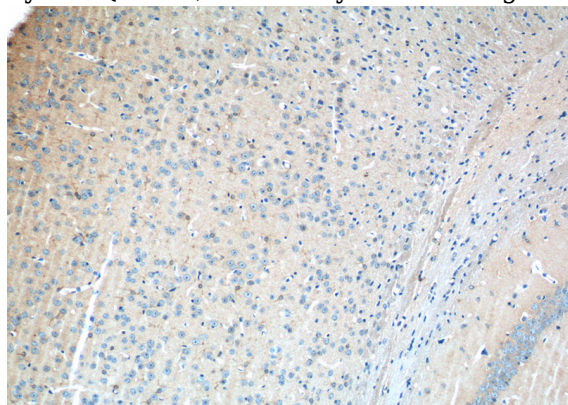


Immunohistochemistry of paraffin-embedded mouse brain tissue slide using Catalog No:111130(GPR50 Antibody) at dilution of 1:50 (under 40x lens)



1X10<sup>6</sup> K-562 cells were stained with 0.2ug GPR50 antibody (Catalog No:111130, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.

IF result of anti-GPR50 (Catalog No:111130, 1:500) with SH-SY5Y cells transfected with GPR50 by Dr. Qian Li, University of Edinburgh.



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using Catalog No:111130(GPR50 Antibody) at dilution of 1:50 (under 10x lens)