

ARG65044 anti-GPR17 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes GPR17
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat
Tested Application	ICC/IF, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GPR17
Species	Human
Immunogen	C-EGKTNESSLSAKSE
Conjugation	Un-conjugated
Alternate Names	R12; P2Y-like receptor; G-protein coupled receptor 17; Uracil nucleotide/cysteinyl leukotriene receptor; UDP/CysLT receptor

Application Instructions

Application table	Application	Dilution
	ICC/IF	10 µg/ml
	WB	2 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain	
Observed Size	~ 41 kDa	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

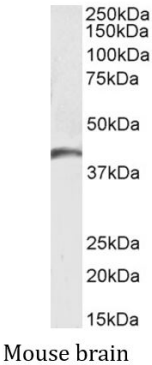
Database links	GeneID: 2840 Human GeneID: 574402 Mouse Swiss-port # Q13304 Human Swiss-port # Q6NS65 Mouse
Gene Symbol	GPR17
Gene Full Name	G protein-coupled receptor 17
Function	Dual specificity receptor for uracil nucleotides and cysteinyl leukotrienes (CysLTs). Signals through G(i) and inhibition of adenylyl cyclase. May mediate brain damage by nucleotides and CysLTs following ischemia. [UniProt]
Research Area	Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	41 kDa

Images



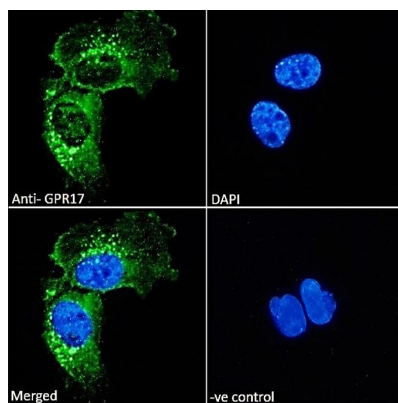
ARG65044 anti-GPR17 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde-fixed HeLa cells permeabilized with 0.15% Triton. Cells were stained with ARG65044 anti-GPR17 antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



ARG65044 anti-GPR17 antibody WB image

Western blot: 35 µg of Mouse brain lysate (in RIPA buffer) stained with ARG65044 anti-GPR17 antibody at 3 µg/ml dilution and incubated at RT for 1 hour.



ARG65044 anti-GPR17 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde-fixed U251 cells permeabilized with 0.15% Triton. Cells were stained with ARG65044 anti-GPR17 antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.