



# GPR17 rabbit pAb

Cat No.:ES5592

For research use only

## Overview

<b>Product Name</b>	GPR17 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GPR17. AA range:196-245
<b>Specificity</b>	GPR17 Polyclonal Antibody detects endogenous levels of GPR17 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Uracil nucleotide/cysteinyl leukotriene receptor
<b>Gene Name</b>	GPR17
<b>Cellular localization</b>	Cell membrane; Multi-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	59kD
<b>Human Gene ID</b>	2840
<b>Human Swiss-Prot Number</b>	Q13304
<b>Alternative Names</b>	GPR17; Uracil nucleotide/cysteinyl leukotriene receptor; UDP/CysLT receptor; G-protein coupled receptor 17; P2Y-like receptor; R12
<b>Background</b>	function: Dual specificity receptor for uracil nucleotides and cysteinyl leukotrienes (CysLTs). Signals through G(i) and inhibition of adenyllyl cyclase. May mediate brain damage by nucleotides

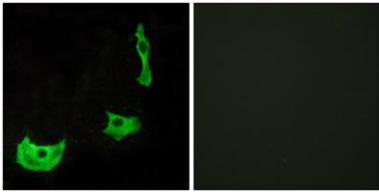




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and CysLTs following ischemia.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in brain, kidney, heart and umbilical vein endothelial cells. Highest level in brain.,

Immunofluorescence analysis of HeLa cells, using GPR17 Antibody. The picture on the right is blocked with the synthesized peptide.



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