

## Rabbit Anti-GPR52/PE Conjugated antibody

SL13539R-PE

<b>Product Name</b>	Anti-GPR52/PE
<b>Chinese Name</b>	PE 标记的 G protein-coupled receptor52 抗体
<b>Alias</b>	GPCR GPR52; axor10; G protein coupled receptor 52; GPR52; GPR52_HUMAN; Probable G protein coupled receptor 52; Probable G-protein coupled receptor 52; GPCR 52.
<b>Research Area</b>	Cell biology Neurobiology Signal transduction G protein-coupled receptor G protein signal
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human(predicted:Mouse,Rat,Cow,Horse,Rabbit,Sheep) IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	41kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human GPR52
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling

molecules, such as hormones and neurotransmitters. GPR52 (G protein-coupled receptor 52) is a 361 amino acid multi-pass membrane protein that belongs to the G-protein coupled receptor 1 family and has been found to be expressed in the caudate and putamen regions of the brain. The gene encoding GPR52 maps to human chromosome 1, the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome.

**Function:**

Orphan receptor.

**Subcellular Location:**

Cell membrane.

**Similarity:**

Belongs to the G-protein coupled receptor 1 family.

**Database links:**

[Entrez Gene: 9293](#) Human

[Omid: 604106](#) Human

[SwissProt: Q9Y2T5](#) Human

[Unigene: 673850](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.