

**GPR52 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15697****Specification**

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**GPR52 Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">O9Y2T5</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

**GPR52 Antibody - Additional Information****Gene ID** 9293**Other Names**

Probable G-protein coupled receptor 52, GPR52

**Target/Specificity**

Human GPR52

**Reconstitution & Storage**

Aliquot and freeze at -20° C. Avoid freeze-thaw cycles.

**Precautions**

GPR52 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**GPR52 Antibody - Protein Information****Name** GPR52 {ECO:0000303|PubMed:9931487, ECO:0000312|HGNC:HGNC:4508}**Function**

Gs-coupled receptor activated by antipsychotics reserpine leading to an increase in intracellular cAMP and its internalization (PubMed:<a href="http://www.uniprot.org/citations/24587241" target="\_blank">24587241</a>). May play a role in locomotor activity through modulation of dopamine, NMDA and ADORA2A-induced locomotor activity. These behavioral changes are accompanied by modulation of the dopamine receptor signaling pathway in striatum (PubMed:<a href="http://www.uniprot.org/citations/24587241" target="\_blank">24587241</a>). Modulates HTT level via cAMP-dependent but PKA independent mechanisms through activation of RAB39B that translocates HTT to the endoplasmic reticulum, thus avoiding proteasome degradation (PubMed:<a href="http://www.uniprot.org/citations/25738228" target="\_blank">25738228</a>).

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Expressed in brain, especially in striatum.

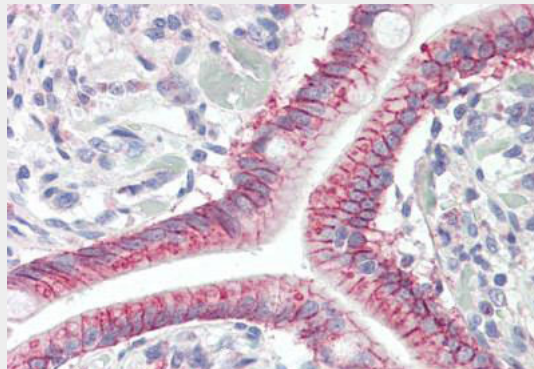
**Volume**

100  $\mu$ l

**GPR52 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**GPR52 Antibody - Images**

Anti-GPR52 antibody IHC staining of human small intestine.

**GPR52 Antibody - Background**

Orphan receptor.

**GPR52 Antibody - References**

Sawzdargo M., et al. Brain Res. Mol. Brain Res. 64:193-198(1999).  
Gregory S.G., et al. Nature 441:315-321(2006).