

**Anti-GPR52 Antibody (N-Terminus)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17523****Specification**

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**Anti-GPR52 Antibody (N-Terminus) - Product Information**

Application	IHC-P
Primary Accession	<a href="#">O9Y2T5</a>
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41354
Dilution	IHC-P~~N/A

**Anti-GPR52 Antibody (N-Terminus) - Additional Information****Gene ID** 9293**Alias Symbol** GPR52  
**Other Names**  
GPR52, Axor10, G protein-coupled receptor 52**Target/Specificity**

Human GPR52. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-GPR52 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-GPR52 Antibody (N-Terminus) - 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.

**Anti-GPR52 Antibody (N-Terminus) - 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](#)

**Anti-GPR52 Antibody (N-Terminus) - Images**