

GPR52 Antibody (aa311-360)
Rabbit Polyclonal Antibody
Catalog # ALS13711**Specification**

GPR52 Antibody (aa311-360) - Product Information

Application	WB, IHC
Primary Accession	Q9Y2T5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

GPR52 Antibody (aa311-360) - Additional Information**Gene ID** 9293**Other Names**

Probable G-protein coupled receptor 52, GPR52

Target/Specificity

GPR52 Antibody detects endogenous levels of total GPR52 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

GPR52 Antibody (aa311-360) is for research use only and not for use in diagnostic or therapeutic procedures.

GPR52 Antibody (aa311-360) - 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:24587241). 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:24587241). 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:25738228).

Cellular Location

Cell membrane; Multi-pass membrane protein.

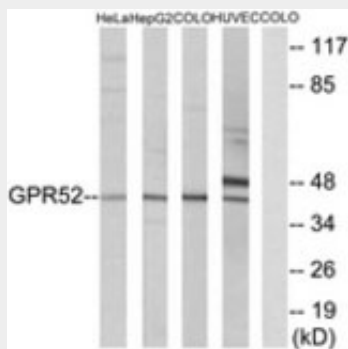
Tissue Location

Expressed in brain, especially in striatum.

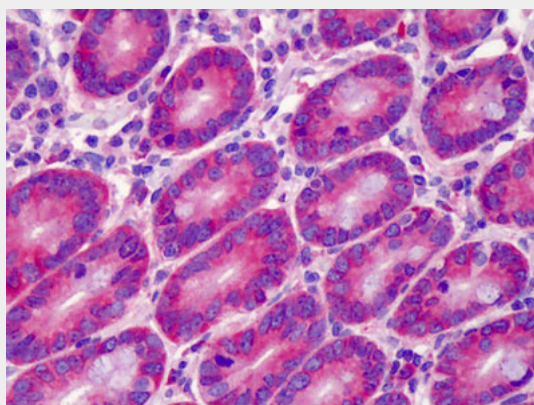
GPR52 Antibody (aa311-360) - Protocols

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 (aa311-360) - Images

Western blot of extracts from COLO/HUVEC/HeLa/HepG2 cells, using GPR52 Antibody.



Anti-GPR52 antibody IHC of human small intestine.

GPR52 Antibody (aa311-360) - Background

Orphan receptor.

GPR52 Antibody (aa311-360) - References

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

