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Anti-GPR52 Antibody (N-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17523

Product Information

Application	IHC-P
Primary Accession	Q9Y2T5
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41354
Concentration (mg/ml)	1 mg/ml

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.

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 throught 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.