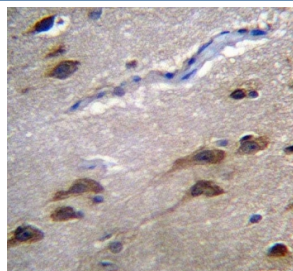


GPR45 Antibody (F54644)

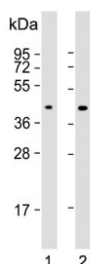
Catalog No.	Formulation	Size
F54644-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54644-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

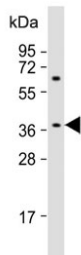
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9Y5Y3
Applications	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This GPR45 antibody is available for research use only.



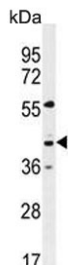
IHC testing of FFPE human brain tissue with GPR45 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human 1) SH-SY5Y and 2) U-87 MG cell lysate with GPR45 antibody. Predicted molecular weight ~42 kDa.



Western blot testing of human cerebellum tissue lysate with GPR45 antibody. Predicted molecular weight ~42 kDa.



Western blot testing of human MDA-MB-435 cell lysate with GPR45 antibody. Predicted molecular weight ~42 kDa.

Description

This intronless gene encodes a member of the G protein-coupled receptor (GPCR) family. Members of this protein family contain seven putative transmembrane domains and may mediate signaling processes to the interior of the cell via activation of heterotrimeric G proteins. This protein may function in the central nervous system.

Application Notes

The stated application concentrations are suggested starting points. Titration of the GPR45 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 121-149 from the human protein was used as the immunogen for the GPR45 antibody.

Storage

Aliquot the GPR45 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.