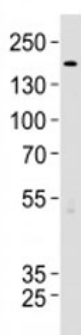


TSC2 Antibody (F47746)

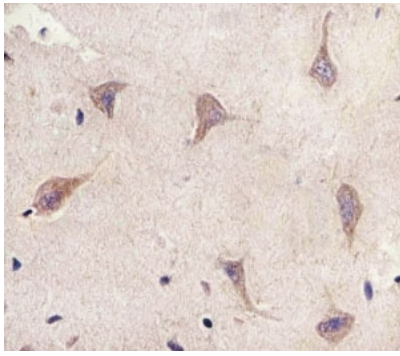
Catalog No.	Formulation	Size
F47746-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47746-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P49815
Applications	IHC (Paraffin) : 1:25 Western blot : 1:1000
Limitations	This TSC2 antibody is available for research use only.



TSC2 antibody western blot analysis in 293 lysate. Predicted molecular weight ~200 kDa.



IHC analysis of FFPE human brain section using TSC2 antibody; Ab was diluted at 1:25.

Description

Mutations in this gene lead to tuberous sclerosis complex. Its gene product is believed to be a tumor suppressor and is able to stimulate specific GTPases. The protein associates with hamartin in a cytosolic complex, possibly acting as a chaperone for hamartin. Alternative splicing results in multiple transcript variants encoding different isoforms.

Application Notes

Titration of the TSC2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1397-1426 from the human protein was used as the immunogen for this TSC2 antibody.

Storage

Aliquot the TSC2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.