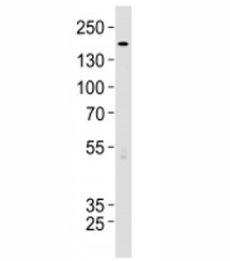
# TSC2 Antibody (F47746)

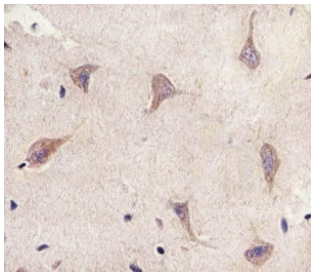
| Catalog No. | Formulation | Size |
|---|---|---|
| F47746-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F47746-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | P49815 |
| **Applications** | IHC (Paraffin) : 1:25<br>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 -20oC or colder. Avoid repeated freeze-thaw cycles.


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