

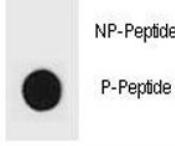
## Phospho-TSC2 Antibody (pS1096) (F48833)

| Catalog No.   | Formulation                                | Size    |
|---------------|--|---------|
| F48833-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F48833-0.08ML | 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       | Dot Blot : 1:500   |
| Limitations        | This phospho-TSC2 antibody is available for research use only. |

Dot blot analysis of phospho-TSC2 antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.



## 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 phospho-TSC2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This phospho-TSC2 antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pS1096 of human TSC2.

## Storage

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