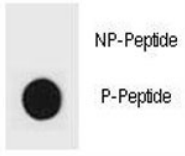
Phospho-TSC2 Antibody (pS1096) (F48833)

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.

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