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## Product Datasheet

### Phospho-TSC1 Antibody (pS312), Rabbit, Polyclonal NSJ-F48784-0.4ML

Article Name	Phospho-TSC1 Antibody (pS312), Rabbit, Polyclonal
Biozol Catalog Number	NSJ-F48784-0.4ML
Supplier Catalog Number	F48784-0.4ML
Alternative Catalog Number	NSJ-F48784-0.4ML
Manufacturer	NSJ Bioreagents
Host	Rabbit
Category	Antikörper
Application	DOT, ELISA
Species Reactivity	Rat
Immunogen	This phospho-TSC1 antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pS312 of rat TSC1.
Product Description	In complex with TSC2, inhibits the nutrient-mediated or growth factor-stimulated phosphorylation of S6K1 and EIF4EBP1 by negatively regulating mTORC1 signaling (By similarity). Implicated as a tumor suppressor. Involved in microtubule-mediated protei...
Clonality	Polyclonal
UniProt	<a href="#">Q9Z136</a>
Purity	Antigen affinity
Form	In 1X PBS, pH 7.4, with 0.09% sodium azide

Antibody Type	Primary Antibody
Application Dilute	Dot blot: 1:500
Application Notes	Titration of the phospho-TSC1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.