

Product Datasheet

TSC1 (N) Antibody, Rabbit Polyclonal (orb67145)

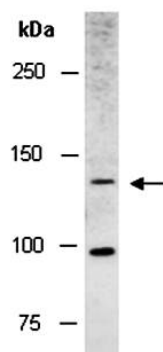
Description	Rabbit polyclonal to TSC1. Tuberous sclerosis 1 protein (TSC1) is a peripheral membrane protein. In complex with TSC2, TSC1 inhibits the nutrient-mediated or growth factor-stimulated phosphorylation of S6K1 and EIF4EBP1 by negatively regulating mTORC1 signaling. It seems not to be required for TSC2 GAP activity towards RHEB. It is implicated as a tumor suppressor. TSC1 is involved in microtubule-mediated protein transport, but this seems to be due to unregulated mTOR signaling. Defects in TSC1 are the cause of tuberous sclerosis type 1 (TSC1) and may be the cause of focal cortical dysplasia of Taylor balloon cell type (FCDBC).
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	WB
Immunogen	N-terminal region of human TSC1
Preservatives	0.01% Na ₃
Storage	-20°C
Note	For research use only
Clonality	Polyclonal
Purity	Affinity purification
MW	130
Uniprot ID	Q92574
Dilution Range	WB:1:500-1:2000
Expiration Date	12 months from date of receipt.

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Western blot analysis of total cell extracts from human Hela using TSC1 antibody

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