



TSC1 blocking peptide (CDBP6375)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a growth inhibitory protein thought to play a role in the stabilization of tuberlin. Mutations in this gene have been associated with tuberous sclerosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2009]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	TSC1 tuberous sclerosis 1 [Homo sapiens (human)]
Official Symbol	TSC1
Synonyms	TSC1; tuberous sclerosis 1; LAM; TSC; hamartin; tumor suppressor; tuberous sclerosis 1 protein
Entrez Gene ID	7248
mRNA Refseq	NM_000368
Protein Refseq	NP_000359

UniProt ID	Q92574
Pathway	AMPK signaling; AMPK signaling pathway; Energy dependent regulation of mTOR by LKB1-AMPK; IGF1R signaling cascade; IRS-mediated signalling; IRS-related events; IRS-related events triggered by IGF1R; Inhibition of TSC complex formation by PKB
Function	GTPase activating protein binding; GTPase regulator activity; chaperone binding; protein N-terminus binding; protein binding