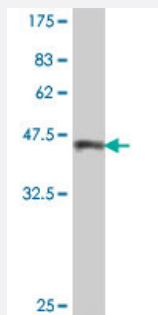


TSC2 polyclonal antibody (A01)

Catalog # H00007249-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (39.2 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant TSC2.
Immunogen	TSC2 (NP_000539, 540 a.a. ~ 658 a.a) partial recombinant protein with GST tag.
Sequence	SPPPELEERDVAAYSASLEDVKTAVLGLLVILQTKLYTLPASHATRVYEMLVSHIQLHYKHSYTLPIA SSIRLQAFDFLFLLRADSLHRLGLPNKDGVVRFSPYCVCDYMEPERGSEKK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (88)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (39.2 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TSC2

Entrez GeneID	7249
GeneBank Accession#	NM_000548
Protein Accession#	NP_000539
Gene Name	TSC2
Gene Alias	FLJ43106, LAM, TSC4
Gene Description	tuberous sclerosis 2
Omim ID	191092 191100 606690
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	tuberin

Pathway

- [Insulin signaling pathway](#)
- [mTOR signaling pathway](#)
- [p53 signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Attention Deficit Disorder with Hyperactivity](#)

- [Autistic Disorder](#)
- [Colonic Neoplasms](#)
- [Cysts](#)
- [Depressive Disorder](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Malformations of Cortical Development](#)
- [Mental Disorders](#)
- [NARP](#)
- [Pigmentation Disorders](#)
- [Rectal Neoplasms](#)
- [Tuberous sclerosis](#)
- [Urinary Bladder Neoplasms](#)