TSC1 FISH Probe

Catalog # FA0243 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Supplied Products	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.
Self-Attestation	Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — TSC1

Entrez GeneID	7248
Gene Name	TSC1
Gene Alias	KIAA0243, LAM, MGC86987, TSC

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Gene Description	tuberous sclerosis 1
Omim ID	191100 605284 606690 607341
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a growth inhibitory protein thought to play a role in the stabilization of tuberin. Mutations in this gene have been associated with tuberous sclerosis. Alternative splicing results i n multiple transcript variants. [provided by RefSeq
Other Designations	OTTHUMP00000022439|hamartin|tuberous sclerosis 1 protein|tumor suppressor

Pathway

- Insulin signaling pathway
- mTOR signaling pathway

Disease

- Adenocarcinoma
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Colonic Neoplasms
- Epilepsy
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hypertension
- Malformations of Cortical Development
- NARP
- Neoplasm Recurrence
- Neoplasms
- Rectal Neoplasms

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- Tuberous sclerosis

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