
Product Information

Product SKU:	CAB19540	Gene ID:	7249	Size:	20uL, 100uL
Clone No:	ARC0019	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	200kDa	Conjugate:	Unconjugated
Calculated MW:	201kDa	Isotype:	IgG

Immunogen Information

Background: This gene is a tumor suppressor gene that encodes the growth inhibitory protein tuberin. Tuberin interacts with hamartin to form the TSC protein complex which functions in the control of cell growth. This TSC protein complex negatively regulates mammalian target of rapamycin complex 1 (mTORC1) signaling which is a major regulator of anabolic cell growth. Mutations in this gene have been associated with tuberous sclerosis and lymphangioleiomyomatosis.

Recommended Dilution: WB, 1:500 - 1:1000 IP, 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

Synonyms: LAM; TSC4; PPP1R160; TSC2

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 1700-1807 of human Tuberin (P49815).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.