

## Hamartin Rabbit mAb

Catalog No: #56654

Package Size: #56654-1 50ul #56654-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

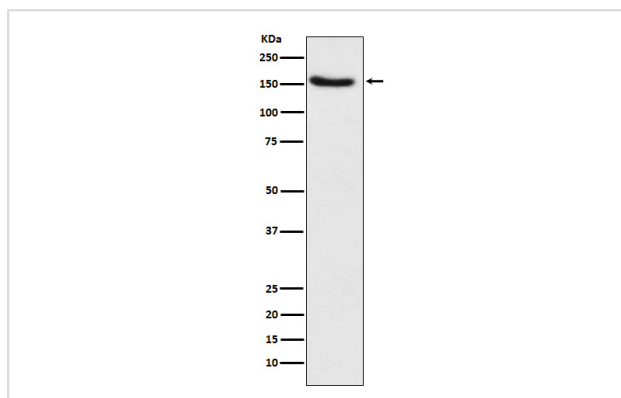
## Description

Product Name	Hamartin Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human
Specificity	Hamartin Antibody detects endogenous levels of total Hamartin
Immunogen Description	A synthesized peptide derived from human Hamartin
Other Names	Hamartin; kiaa0243; LAM; TSC; Tsc1; Tuberous sclerosis 1;
Accession No.	Uniprot:Q92574
Calculated MW	150kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Application Details

WB:1:1000~1:5000IHC:1:50~1:200ICC/IF:1:50~1:200FC:1:200

## Images



Western blot analysis of Hamartin expression in HeLa cell lysate.

## Product Description

In complex with TSC2, inhibits the nutrient-mediated or growth factor-stimulated phosphorylation of S6K1 and EIF4EBP1 by negatively regulating mTORC1 signaling. Seems not to be required for TSC2 GAP activity towards RHEB. Implicated as a tumor suppressor. Involved in microtubule-mediated protein transport, but this seems to be due to unregulated mTOR signaling.

---

Note: This product is for in vitro research use only and is not intended for use in humans or animals.