



# Rabbit Anti-Human TSC2 Polyclonal antibody (DPABH-28973)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Peptide
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, IF, ELISA
<b>Positive Control</b>	HeLa cells, mouse lung tissue, mouse skeletal muscle tissue, NIH/3T3 cells, mouse liver tissue
<b>Format</b>	Liquid
<b>Size</b>	50 µl, 100 µl
<b>Buffer</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

## BACKGROUND

<b>Introduction</b>	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
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hamartin in a cytosolic complex, possibly acting as a chaperone for hamartin. Alternative splicing results in multiple transcript variants encoding different isoforms.

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**Keywords** TSC2; tuberous sclerosis 2; LAM; TSC4; PPP1R160; tuberin; tuberous sclerosis 2 protein; protein phosphatase 1, regulatory subunit 160;

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## GENE INFORMATION

Entrez Gene ID [7249](#)

UniProt ID [P49815](#)