

## Product datasheet for **TA314647**

### Tuberin (TSC2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 1:50~1:100, ELISA: 1:5000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human TSC2 around the phosphorylation site of tyrosine 1571 (Y-R-YP-T-E).
Formulation:	Phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tuberous sclerosis 2
Database Link:	<a href="#">NP_000539</a> <a href="#">Entrez Gene 22084 Mouse</a> <a href="#">Entrez Gene 24855 Rat</a> <a href="#">Entrez Gene 7249 Human</a> <a href="#">P49815</a>
Synonyms:	LAM; PPP1R160; TSC4
Note:	TSC2 (Phospho-Tyr1571) antibody detects endogenous levels of TSC2 only when phosphorylated at tyrosine 1571.
Protein Families:	Druggable Genome
Protein Pathways:	Insulin signaling pathway, mTOR signaling pathway, p53 signaling pathway



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