

Datasheet for ABIN6281475
anti-Tuberin antibody (pTyr1571)



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Overview

Quantity:	50 µL
Target:	Tuberin (TSC2)
Binding Specificity:	AA 1510-1590, pTyr1571
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tuberin antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal to Phospho-Tuberin (Y1571).
Immunogen:	Synthesized peptide derived from human Tuberin around the phosphorylation site of Y1571.
Isotype:	IgG
Specificity:	Phospho-Tuberin (Y1571) Polyclonal Antibody detects endogenous levels of Tuberin protein only when phosphorylated at Y1571.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	Tuberin (TSC2)
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Target Details

Alternative Name:	Tuberin (TSC2 Products)
Molecular Weight:	170 kDa
Gene ID:	7249
UniProt:	P49815
Pathways:	RTK Signaling , AMPK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Cell Size , Tube Formation , Protein targeting to Nucleus

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:5000
Comment:	Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.