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Datasheet

Tsc1 polyclonal antibody

Catalog Number: PAB15687

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against partial recombinant Tsc1.

Immunogen: Recombinant GST fusion protein corresponding to 237 mouse Tsc1.

Sequence:
KYLEDVKSQASGQLLAAESRYEAQRKITRVLELEILDLY
GRLEKDGRLRKLEEDRAEAAEAAEERLDCCSDGCTD
SLVGHNEEASGHNGETRTSRPGGTRASCGGRVTGGS
SSSSSELSTPEKPPSQRFSSRWEPALGEPSSSIPTTV
GSLPSSKSFLGMKARELFRNKSESQCDEDSVTMSSSS
LSETLKTELGKDSGTENKTSLSLDAPHPSSPNSDNVG
QLHIMDYNETHPEHS

Host: Rabbit

Reactivity: Mouse

Applications: WB
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: Specific to recombinant protein GX0974. This antibody detects endogenous mTSC1 protein in several cell types.

Form: Liquid

Recommend Usage: Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (50% glycerol, 0.02% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 64930

Gene Symbol: Tsc1

Gene Alias: hamartin, mKIAA0243

References:

1. A comprehensive approach for establishment of the platform to analyze functions of KIAA proteins II: public release of inaugural version of InGaP database containing gene/protein expression profiles for 127 mouse KIAA genes/proteins. Koga H, Yuasa S, Nagase T, Shimada K, Nagano M, Imai K, Ohara R, Nakajima D, Murakami M, Kawai M, Miki F, Magae J, Inamoto S, Okazaki N, Ohara O. DNA Res. 2004 Aug 31;11(4):293-304.
2. High-throughput production of recombinant antigens for mouse KIAA proteins in Escherichia coli: computational allocation of possible antigenic regions, and construction of expression plasmids of glutathione-S-transferase-fused antigens by an in vitro recombination-assisted method. Hara Y, Shimada K, Kohga H, Ohara O, Koga H. DNA Res. 2003 Jun 30;10(3):129-36.
3. Identification of the tuberous sclerosis gene TSC1 on chromosome 9q34. van Slegtenhorst M, de Hoogt R, Hermans C, Nellist M, Janssen B, Verhoef S, Lindhout D, van den Ouweland A, Halley D, Young J, Burley M, Jeremiah S, Woodward K, Nahmias J, Fox M, Ekong R, Osborne J, Wolfe J, Povey S, Snell RG, Cheadle JP, Jones AC, Tachataki M, Ravine D, Sampson JR, Reeve MP, Richardson P, Wilmer F, Munro C, Hawkins TL, Sepp T, Ali JB, Ward S, Green AJ, Yates JR, Kwiatkowska J, Henske EP, Short MP, Haines JH, Jozwiak S, Kwiatkowski DJ. Science. 1997 Aug 8;277(5327):805-8.