

Anti-SKP2 Monoclonal Antibody

Catalog Number: M00544

About SKP2

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

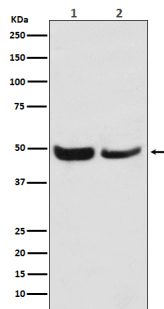
Product Name	Anti-SKP2 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SKP2 Monoclonal Antibody catalog # M00544. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal ADCE-19
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13309

Technical Details

Immunogen	A synthesized peptide derived from human SKP2 Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the

optimal dilution ratio for your samples.
Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200
FC 1:50

Anti-SKP2 Monoclonal Antibody (M00544) Images



Western blot analysis of SKP2 expression in (1) Jurkat cell lysate; (2) NIH/3T3 cell lysate.

3 Publications Citing This Product

1. PubMed ID: 25333250, Chen Xm, Xie Xb, Zhao Q, Wang F, Bai Y, Yin Jq, Jiang H, Xie Xi, Jia Q, Huang G. Mol Med Rep. 2015 Jan;11(1):105-12. Doi: 10.3892/Mmr.2014.2733. Epub 2014 Oct 21. Ampelopsin Induces Apoptosis By Regulating Multiple C-Myc/S-Phase Kinase-Associated ...
2. PubMed ID: 24788380, Xu F, Zhu X, Han T, You X, Liu F, Ye L, Zhang X, Wang X, Yao Y. Int J Oncol. 2014 Jul;45(1):255-63. Doi: 10.3892/Ijo.2014.2411. Epub 2014 Apr 29. The Oncoprotein Hepatitis B X-Interacting Protein Promotes The Migration Of Ovarian Cancer Cells Thro...
3. PubMed ID: 21270971, Su Y, Wang F, Qi H, Zhao Sg, Li X, Cui H. Mol Vis. 2011 Jan 22;17:247-56. Small Interfering Rna Targeting Of S Phase Kinase-Interacting Protein 2 Inhibits Cell Proliferation Of Pterygium Fibroblasts.

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