

Anti-SMAD6 antibody ab80049

9 References

概述

产品名称	Anti-SMAD6抗体
描述	兔多克隆抗体to SMAD6
宿主	Rabbit
特异性	This reacts specifically with human 54 kDa SMAD6 isoform D protein. It is not expected to cross react with other species.
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide derived from the C terminal domain of SMAD6 Isoform D
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Constituent: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab80049于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/5000. Predicted molecular weight: 53 kDa.

靶标

功能	Antagonist of signaling by TGF-beta (transforming growth factor) type 1 receptor superfamily members; has been shown to inhibit selectively BMP (bone morphogenetic proteins) signaling by competing with the co-SMAD SMAD4 for receptor-activated SMAD1. SMAD6 is an inhibitory SMAD (I-SMAD) or antagonistic SMAD. Binds to regulatory elements in target promoter regions.
组织特异性	Ubiquitous in various organs, with higher levels in lung. Isoform B is up-regulated in diseased heart tissue.
序列相似性	Belongs to the dwarfin/SMAD family. Contains 1 MH1 (MAD homology 1) domain. Contains 1 MH2 (MAD homology 2) domain.
翻译后修饰	Phosphorylated by BMP type 1 receptor kinase and by PRKX. Ubiquitinated by WWP1.
细胞定位	Nucleus.

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