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Phospho-Smad1-S463/465 + Smad5-S463/465 + Smad9-S465/467 Rabbit pAb

货号: AYP12077

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus , Homo sapiens
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	60kDa
实测分子量	60kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa
细胞定位	cytoplasm,cytosol,homomeric SMAD protein complex,nucleoplasm,nucleus
纯化	Affinity purification

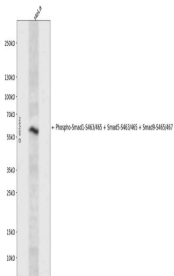
抗原信息

抗原信息	A synthetic phosphorylated peptide around S463 & S465 of human Smad1SMAD1 (NP_005891.1).
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靶点信息

研究背景	The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein mediates the signals of the bone morphogenetic proteins (BMPs), which are involved in a range of biological activities including cell growth, apoptosis, morphogenesis, development and immune responses. In response to BMP ligands, this protein can be phosphorylated and activated by the BMP receptor kinase. The phosphorylated form of this protein forms a complex with SMAD4, which is important for its function in the transcription regulation. This protein is a target for SMAD-specific E3 ubiquitin ligases, such as SMURF1 and SMURF2, and undergoes ubiquitination and proteasome-mediated degradation. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008]
基因ID	4086,4090,4093
基因名	SMAD1,SMAD5,SMAD9
Swiss	Q15797 (https://www.uniprot.org/uniprotkb/Q15797/entry), Q99717 (https://www.uniprot.org/uniprotkb/Q99717/entry), O15198 (https://www.uniprot.org/uniprotkb/O15198/entry)
别名	Smad1/Smad5/Smad9,Phospho-Smad1-S463/465 + Smad5-S463/465 + Smad9-S465/467 Rabbit pAb,SMAD1,SMAD5,SMAD9,JV4-1,Mad-related protein 1,Mothers against decapentaplegic homolog 1,Transforming growth factor-beta-signaling protein 1,JV5-1,Mothers against decapentaplegic homolog 5

产品验证



Western blot analysis of Phospho-Smad1-S463/465 + Smad5-S463/465 + Smad9-S465/467 expressed in HeLa using Phospho-Smad1-S463/465 + Smad5-S463/465 + Smad9-S465/467 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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