

## Product datasheet

# Human SMAD9 peptide ab48057

### 概述

**产品名称** 人SMAD9多肽

### 描述

**性质** Synthetic

### 氨基酸序列

**种属** Human

**序列** C-HSEPLMPHNATYPD

**氨基酸** 166 to 179

### 技术指标

Our [Abpromise guarantee](#) covers the use of **ab48057** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**应用** Blocking - Blocking peptide for Anti-SMAD9 antibody ([ab48011](#))

**形式** Liquid

### 制备和贮存

**稳定性和存储** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

### 常规信息

**功能** Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD9 is a receptor-regulated SMAD (R-SMAD).

**组织特异性** Expressed in heart, brain, placenta, lung, skeletal muscle, prostate, testis, ovary and small intestine. Also expressed in fetal brain, lung and kidney.

**疾病相关** Pulmonary hypertension, primary, 2

**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 on serine by BMP (bone morphogenetic proteins) type 1 receptor kinase.

细胞定位

Cytoplasm. Nucleus. In the cytoplasm in the absence of ligand. Migration to the nucleus when complexed with SMAD4.

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