

# OsGSK2 Rabbit pAb

货号: AYP22706

## 产品信息

反应	Oryza sativa
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	45kDa
实测分子量	45kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	leaves (before flower),leaves sheath (before flower)
细胞定位	cytoplasm,nucleus
纯化	Affinity purification

## 抗原信息

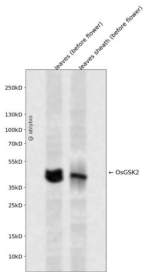
抗原信息	A synthetic peptide of Oryza sativa OsGSK2.
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## 靶点信息

研究背景	Serine-threonine kinase that acts as a negative regulator of brassinosteroid (BR) signaling. Phosphorylates DLT and BZR1, two positive regulators that mediate several BR responses. Phosphorylation of DLT and BZR1 inhibits their activities in BR signaling. Phosphorylates OFP8, a positive regulator of BR responses. Phosphorylated OFP8 shuttles from the nucleus to the cytoplasm where it is degraded by the proteasome. Phosphorylates the E3 ubiquitin-protein ligase PUB24, a negative regulator of BR signaling, which targets BZR1 and promotes its degradation via the 26S proteasome. Phosphorylation of PUB24 increases its stability. Phosphorylates the AP2-ERF transcription factor SMOS1, a positive regulator of BR signaling, which cooperatively functions in a transactivating complex with BZR1 to enhance the transcription of BR biosynthetic genes. Phosphorylation of SMOS1 leads to its degradation by an unknown mechanism.
基因ID	4338079

基因名	GSK2
Swiss	Q60EZ2
别名	OsGSK2

## 产品验证



Western blot analysis of OsGSK2 expressed in leaves (before flower),leaves sheath (before flower) using OsGSK2 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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