abcam

Product datasheet

# Recombinant Human AKT2 protein ab42593

**カルタヘナ法**

## 製品の詳細

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| **製品名** | Recombinant Human AKT2 protein |
| **生理活性** | Akt2 is inactive and can be activated by upstream kinase PDK1. |
| **精製度** | > 90 % SDS-PAGE. |
| **発現系** | Baculovirus infected Sf9 cells |
| **アクセッション番号** | NM_001626 |
| **タンパク質長** | Full length protein |
| **Animal free** | No |
| **由来** | Recombinant |
| **生物種** | Human |
| **予測される分子量** | 57 kDa |
| **タグ** | His tag N-Terminus |

## 特性

Our **Abpromise guarantee** covers the use of **ab42593** in the following tested applications.

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

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| **アプリケーション** | Inhibition Assay |
| **製品の状態** | Liquid |
| **備考** | Akt2 is inactive and can be activated by upstream kinase PDK1. |

## 前処理および保存

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| **保存方法および安定性** | Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.<br>pH: 8.00<br>Constituents: 0.0462% DTT, 0.395% Tris HCl, 0.05% Tween, 50% Glycerol, 0.58% Sodium chloride |

## 関連情報

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| **機能** | General protein kinase capable of phosphorylating several known proteins. |

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| **組織特異性** | Expressed in all human cell types so far analyzed. |
| **配列類似性** | Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. RAC subfamily.<br>Contains 1 AGC-kinase C-terminal domain.<br>Contains 1 PH domain.<br>Contains 1 protein kinase domain. |
| **翻訳後修飾** | Phosphorylation on Thr-309 and Ser-474 is required for full activity.<br>Ubiquitinated; undergoes both 'Lys-48'- and 'Lys-63'-linked polyubiquitination. TRAF6-induced 'Lys-63'-linked AKT2 ubiquitination. When fully phosphorylated and translocated into the nucleus, undergoes 'Lys-48'-polyubiquitination catalyzed by TTC3, leading to its degradation by the proteasome. |

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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