

**PRAS40 (P238) Anti-Human Rabbit IgG Affinity Purify**

**Polyclonal Antibody**

**Cat.NO.: PA01404**

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3th Edition

**Description:** PRAS40 (proline-rich Akt substrate of 40 kDa) is a protein with a proline-rich domain and appears at about 40 kDa by SDS-PAGE. Initially it was identified as a substrate of PKB/Akt, it was later shown that it is also phosphorylated by mTORC1 (a complex including scaffold protein which is necessary for mTOR and phosphorylation of substrate by mTOR).

**Antigen:** Synthetic peptide of the C terminal part of Human PRAS40 (DLPRPRLNTSDFQKLKRRKY)

**Form:** Lyophilized product from 1% BSA in PBS containing 0.05% NaN<sub>3</sub>

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1 µg/ml.

**Specificity:** Please see datasheet.