

# PRAS40 (Phospho Thr246) Rabbit mAb (AR1961)

## Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, IP, ELISA
Isotype:	IgG, Kappa
MW:	27kDa (Calculated) 40kDa (Observed)

## Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

## Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

## Basic Information

Clonality	Monoclonal
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## Immunogen Information

Specificity	Endogenous
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## Target Information

Gene name	AKT1S1
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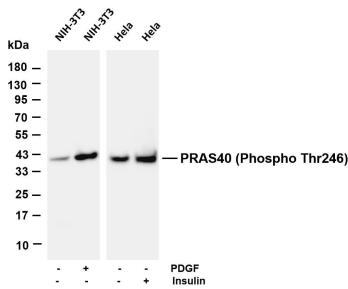
Protein Name	Proline-rich AKT1 substrate 1
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Organism	Gene ID	UniProt ID
Human	84335	Q96B36
Mouse	67605	Q9D1F4

Cellular Localization	Cytoplasm, cytosol. Found in the cytosolic fraction of the brain.
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Tissue specificity	Widely expressed with highest levels of expression in liver and heart. Expressed at higher levels in cancer cell lines (e.g. A-549 and HeLa) than in normal cell lines (e.g. HEK293).
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## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PRAS40 (Phospho Thr246) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: NIH-3T3

Lane 2: NIH-3T3 treated with PDGF(100 ng/mL) for 10 minutes

Lane 3: Hela

Lane 4: Hela treated with Insulin

Predicted band size: 27kDa

Observed band size: 40kDa

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