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AKT1S1/PRAS40 Rabbit pAb

Catalog No.: A21686

Basic Information

Observed MW
40kDa

Calculated MW
27kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Human

Background

AKT1S1 is a proline-rich substrate of AKT (MIM 164730) that binds 14-3-3 protein (see YWHAH, MIM 113508) when phosphorylated (Kovacina et al., 2003 [PubMed 12524439]).

Recommended Dilutions

WB   1:500 - 1:1000

ELISA   Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID   **Swiss Prot**
84335   Q96B36

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
Lobe; PRAS40; AKT1S1/PRAS40

Contact

Product Information

Source   **Isotype**   **Purification**
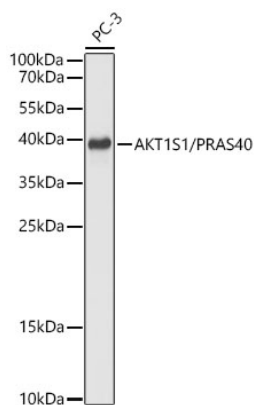Rabbit   IgG   Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data

Western blot analysis of lysates from PC-3 cells using AKT1S1/PRAS40 Rabbit pAb (A21686) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.