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Phospho-AKT1S1/PRAS40-T246 Rabbit pAb

Catalog No.: AP0793

Basic Information

Observed MW
40kDa

Calculated MW
27kDa

Category
Primary antibody

Applications
ELISA,WB

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 - 1:2000

Immunogen Information

Gene ID	**Swiss Prot**
84335	Q96B36

Immunogen
A synthetic phosphorylated peptide around T246 of human AKT1S1/PRAS40 (NP_001092102.1).

Synonyms
Lobe; PRAS40; Phospho-AKT1S1/PRAS40-T246

Contact

Product Information

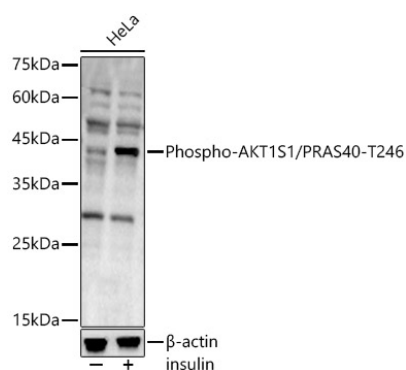| **Source**	**Isotype**	**Purification**
Rabbit	IgG	Affinity purification

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

Validation Data

Western blot analysis of HeLa, using Phospho-AKT1S1/PRAS40-T246 Rabbit pAb (AP0793) at 1:400 dilution.HeLa cells were treated by Insulin (100 nM) at 37℃ for 5 minutes after serum-starvation overnight.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 45s.