Anti-Phospho-PRAS40 (Thr246) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108917

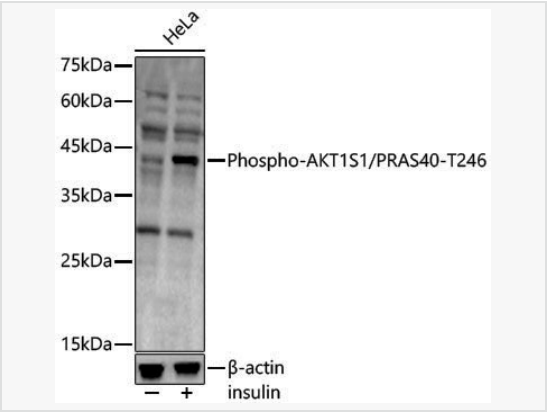
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:2000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around T246 of human AKT1S1/PRAS40 (NP_001092102.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-PRAS40 (Thr246) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Lobe; PRAS40; AKT1S1; Phospho-AKT1S1/PRAS40-T246.
Calculated MW	Calculated MW: 27 kDa; Observed MW: 40 kDa
Uniprot ID	Q96B36
Gene ID	84335
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]).

Validation Images



Western blot analysis of lysates from HeLa cells, using Phospho-AKT1S1/PRAS40-T246 Rabbit pAb (P108917) at 1:400 dilution. HeLa cells were treated by Insulin (100 nM) at 37°C for 5 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit.
Exposure time: 45s.