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AKT1S1/PRAS40 Rabbit mAb

Catalog No.: A3391 Recombinant

Basic Information

Observed MW
40kDa

Calculated MW
27kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse

CloneNo number
ARC1965

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

Immunogen Information

Gene ID
84335

Swiss Prot
Q96B36

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 150-256 of human AKT1S1/PRAS40 (Q96B36).

Synonyms
Lobe; PRAS40; AKT1S1/PRAS40

Contact

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Product Information

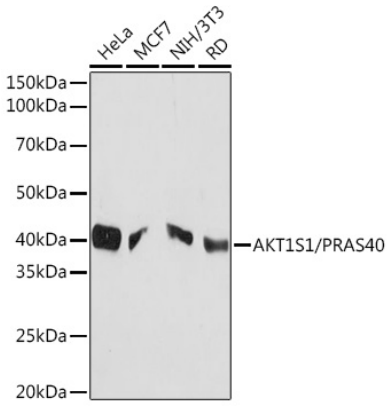
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using AKT1S1/AKT1S1/PRAS40 Rabbit mAb (A3391) at 1:1000 dilution.
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 Basic Kit (RM00020).
Exposure time: 3min.