Phospho-AKT2-S474 Rabbit pAb

Catalog No.: AP0305 1 Publications



Basic Information

Observed MW

56kDa

Calculated MW

56kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene is a putative oncogene encoding a protein belonging to a subfamily of serine/threonine kinases containing SH2-like (Src homology 2-like) domains, which is involved in signaling pathways. The gene serves as an oncogene in the tumorigenesis of cancer cells For example, its overexpression contributes to the malignant phenotype of a subset of human ductal pancreatic cancers. The encoded protein is a general protein kinase capable of phophorylating several known proteins, and has also been implicated in insulin signaling.

Recommended Dilutions

WB

1:500 - 1:2000

Immunogen Information

Gene ID 208 Swiss Prot P31751

Immunogen

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

Synonyms

PKBB; PRKBB; HIHGHH; PKBBETA; RAC-BETA; Phospho-AKT2-S474

Contact

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Product Information

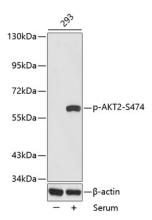
SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from 293 cells using Phospho-AKT2-S474 Rabbit pAb (AP0305). Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane. Blocking buffer: 3% BSA.