

Polyclonal Antibody to Src pTyr418 - Aff - Purified

Catalog No.: AP01686PU-N

Quantity: 0.1 mg

Concentration: 1.0 mg/ml

Background: Nuclear receptors for steroids, thyroid hormones and retinoic acids are liganddependent transcription factors that activate transcription through specific DNA binding sites in their target genes. Several related transcriptional coactivators and corepressors have been described that work in concert with the steroid receptor family to either induce or repress transcription from hormoneresponsive elements. This family includes GRIP1 (for GR interacting protein 1, also designated NCoA-2 or Tif2); SRC-1 (for steroid receptor coactivator-1, also designated NCoA-1); RAC3 (also designated AIB1, for amplified in breast cancer, or ACTR), which displays elevated expression in estrogen receptor positive ovarian and breast cancers; and p/CIP (for p300/CBP/co-integrator protein), which is required for the transcriptional activation of p300/CBPdependent transcription factors

Host: Rabbit

Format: **State:** Liquid purified Ig fraction (> 95% pure by SDS-PAGE).
Purification: Affinity Chromatography using epitope-specific immunogen.
Buffer System: Phosphate buffered saline (PBS), pH~7.2 containing 15 mM Sodium Azide as preservative.

Applications: ELISA: 1/20000-1/40000.
Western Blot: 1/500-1/1000.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody detects endogenous levels of Src protein when phosphorylated at Tyr418.
Species: Human, Mouse and Rat.
Other species not tested.

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Shelf life: One year from despatch.

Pictures:

Western blot (WB) analysis of Src pTyr418 antibody in extracts from 293 cells.

