

IL-4R/CD124(Phospho-Y497) polyclonal antibody

Catalog: BCP00956

Host: Rabbit

Reactivity: Human

BackGround:

The armadillo (ARM) repeat family of proteins are related to the Drosophila melanogaster armadillo protein, a protein essential for wingless signal transduction. ARM proteins are involved in a variety of processes such as cell migration, cell proliferation, tissue maintenance and tumorigenesis. They are intracellular proteins and function in signal transduction and cell structure.

ARMCX3 (armadillo repeat containing, X-linked 3), also known as ALEX3 (ARM protein lost in epithelial cancers on chromosome X 3), is a single pass membrane protein belonging to the armadillo repeat family of proteins. ARMCX3 contains three ARM repeats and shares 60% sequence similarity with the related proteins, ARMCX1 and ARMCX2. ARMCX3 is believed to play a role in embryonic development and tissue maintenance and may also function as a tumor suppressor.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~ 78 kDa

Swiss-Prot:

P24394

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

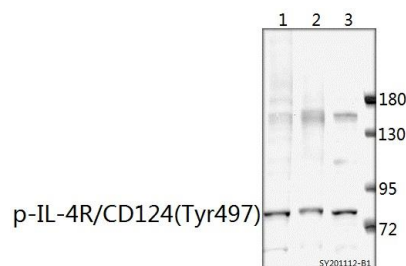
WB: 1:500~1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

IL-4R/CD124(Phospho-Y497) polyclonal antibody detects endogenous levels of IL-4R/CD124 protein only when phosphorylated at Tyr497.

DATA:

Western blot (WB) analysis of IL-4R/CD124(Phospho-Y497) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(40ug)

Lane3:SGC7901 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.