

CKR-5 (phospho-S349) polyclonal antibody

Catalog: BS4032

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The CC chemokine receptor 5 (CCR5) is a member of the CC-chemokine receptor family, and has the characteristic structure of a 7 transmembrane G protein-coupled receptor (GPCR). CCR5 regulates trafficking and effector functions of memory/effector Th1 cells, macrophages, NK cells, and immature dendritic cells. CCR5 and its ligands play an important role in viral pathogenesis. CCR5 represents the co-receptor for macrophage (M) and dual (T cell and M)-tropic immunodeficiency viruses. Together with the CD4 binding receptor, CCR5 plays a critical role in HIV entry into the target cells.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 41 kDa

Swiss-Prot:

P51681

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:

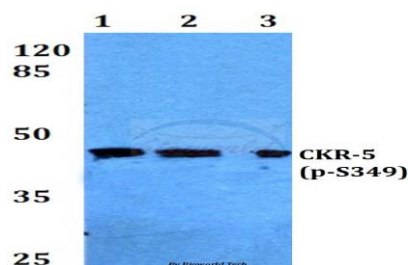
WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

p-CKR-5 (S349) polyclonal antibody detects endogenous levels of CKR-5 protein only when phosphorylated at Ser349.

DATA:

Western blot (WB) analysis of p-CKR-5 (S349) polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate treated with PMA(100nM,15mins)

Lane2:sp2/0 cell lysate treated with PMA(100nM,15mins)

Lane3:PC12 cell lysate treated with PMA(100nM,15mins)

Note:

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

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