

NK-2R (P340) polyclonal antibody

Catalog: BCP01201

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

Substance P (SP) and neurokinin-A (NK-A) are members of the tachykinins, and they function as modulators of the immune and hematopoietic systems. The tachykinins interact with each of three cloned neurokinin (NK) receptors (NK-1R, NK-2R, NK-3R), with SP and NK-A exhibiting binding preferences for NK-1R and NK-2R, respectively. NK-4R shares close homology with NK-3R, and both have nearly identical pharmacological properties. In the normal ileum and colon, NK-1R and NK-2R are localized to smooth muscle cells of the muscularis mucosae and propria and to a few inflammatory cells of the lamina propria. NK-1R expression is also found in the muscular wall of submucosal blood vessels, enteric neurons and, to a lesser degree, in surface epithelial cells. NK-3R is found in the spinal cord in both lamina X and lamina II.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 44 kDa

Swiss-Prot:

P21452

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

IHC: 1:50~1:200

IF: 1:50~1:200

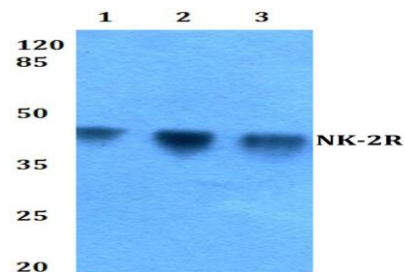
Storage&Stability:

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

Specificity:

NK-2R (P340) polyclonal antibody detects endogenous levels of NK-2R protein.

DATA:



Western blot (WB) analysis of NK-2R (P340) pAb at 1:500 dilution

Lane1:CT26 whole cell lysate(40ug)

Lane2:H9C2 whole cell lysate(40ug)

Lane3:Hela whole cell lysate(40ug)

Lane4:HCT116 whole cell lysate(40ug)

Note:

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