CSF2RA polyclonal antibody

Catalog: BS60920	Host: Rabbit	Reactivity: Human,Mouse,Rat

BackGround:

The human IL-3, IL-5 and GM-CSF receptors are each composed of both unique a subunits and a common β subunit. The a subunits are low affinity ligand binding proteins while the β subunits do not themselves bind ligand, but are required for high affinity binding by the a subunits. In contrast, the mouse IL-3 receptor has two distinct β subunits, one that functions only in IL-3 mediated cell signaling and a second that is shared with IL-5 and GM-CSF. The murine β-subunits are 91% homologous at the amino acid level but only 56% homologous to the human β subunit. Although neither the murine nor the human β subunit contains tyrosine kinase domains, both activate tyrosine phosphorylation mediated signaling pathways.

Product:

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

Molecular Weight:

~ 46 kDa

Swiss-Prot:

P15509

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).
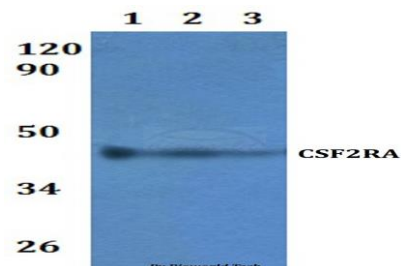
Applications:

WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

CSF2RA polyclonal antibody detects endogenous levels of CSF2RA protein.

DATA:

Western blot (WB) analysis of CSF2RA polyclonal antibody at 1:500 dilution   Lane1:HEK293T whole cell lysate

Lane2:RAW264.7 whole cell lysate   Lane3:H9C2 whole cell lysate

Note:

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