

## SIRP- $\alpha$ 1 (R479) polyclonal antibody

Catalog: BS1324

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

SIRP- $\alpha$ 1 is a substrate for activated receptor tyrosine kinases. In its tyrosine phosphorylated form, SIRP- $\alpha$ 1 binds to SH-PTP2 through SH2 interactions and acts as an SH-PTP2 substrate. SIRP- $\alpha$ 1 has been shown to have negative regulatory effects on cellular responses induced by growth factors, oncogenes and insulin. SIRP- $\beta$ 1 shares extensive sequence homology with SIRP- $\alpha$ 1 in its extracellular portion but lacks the cytoplasmic portion. SIRP- $\gamma$ , originally designated SIRP- $\beta$ 2 (SIRP-B2, CD172g) has unique characteristics from both the  $\alpha$  and  $\beta$  versions.

### Product:

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

### Molecular Weight:

~ 55, 85 kDa

### Swiss-Prot:

P78324

### 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

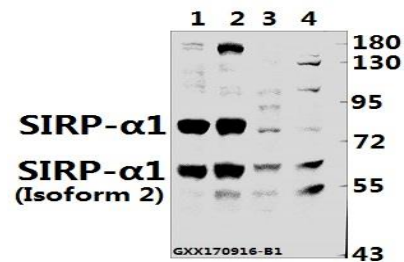
### Storage&Stability:

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

### Specificity:

Sirp  $\alpha$ 1 (R479) polyclonal antibody detects endogenous levels of Sirp  $\alpha$ 1 protein.

### DATA:



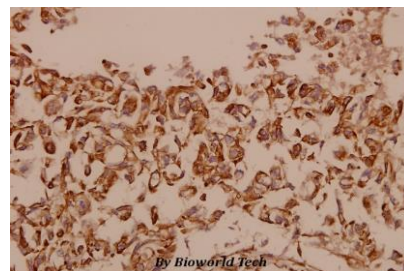
Western blot (WB) analysis of SIRP- $\alpha$ 1 (R479) pAb at 1:500 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:CT26 whole cell lysate(40ug)

Lane3:MCF-7 whole cell lysate(40ug)

Lane4:SGC7901 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of SIRP- $\alpha$ 1 (R479) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

### Note:

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

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