

## ITGA8 polyclonal antibody

Catalog: BS60756

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Integrins are heterodimers composed of noncovalently associated transmembrane  $\alpha$  and  $\beta$  subunits. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis. Integrin  $\alpha 8$  is expressed in contractile interstitial cells and smooth muscle cells and is upregulated in lung injury. Integrin  $\alpha 8$  is also a marker for smooth muscle cells, expressed as early as alpha smooth muscle actin. The Integrin  $\alpha 8$  chain is expressed in the glomerulus exclusively by mesangial cells and may play an important role for maintaining tissue integrity in the glomerulus during glomerular injury.

### Product:

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

### Molecular Weight:

~ 117 kDa

### Swiss-Prot:

P53708

### 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

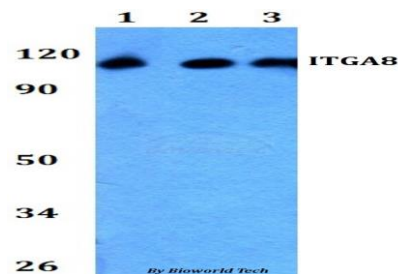
### Storage&Stability:

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

### Specificity:

ITGA8 polyclonal antibody detects endogenous levels of ITGA8 protein.

### DATA:



Western blot (WB) analysis of ITGA8 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

### Note:

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

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