

## Integrin $\alpha$ V (P804) polyclonal antibody

Catalog: BCP00966

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The integrin family contains at least 18  $\alpha$  and 8  $\beta$  subunits that form 24 known integrins with distinct tissue distribution and overlapping ligand specificities. Integrins not only transmit signals to cells in response to the extracellular environment (outside-in signaling), but also sense intracellular cues to alter their interaction with extracellular environment (inside-out signaling). Several  $\alpha$ V subfamily members, including  $\alpha$ V $\beta$ 3,  $\alpha$ V $\beta$ 5,  $\alpha$ V $\beta$ 1, are highly expressed in active endothelial cells and cancer cells where they play a critical role in angiogenesis and tumor metastasis.

### Product:

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

### Molecular Weight:

~ 116 kDa

### Swiss-Prot:

P06756

### 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

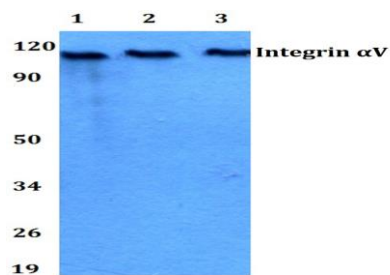
### Storage&Stability:

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

### Specificity:

Integrin  $\alpha$ V (P804) polyclonal antibody detects endogenous levels of Integrin  $\alpha$ V protein.

### DATA:

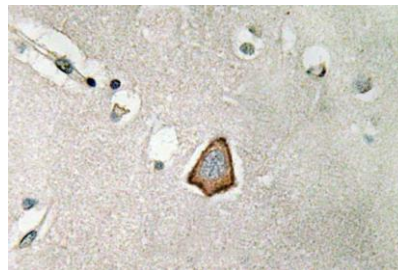


Western blot (WB) analysis of Integrin  $\alpha$ V (P804) pAb at 1:1000 dilution

Lane1: HEK293T whole cell lysate (40ug)

Lane2: C6 whole cell lysate (20ug)

Lane3: CT26 whole cell lysate (40ug)



Immunohistochemistry (IHC) analysis of Integrin  $\alpha$ V (P804) pAb in paraffin-embedded human brain tissue.

### Note:

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