

Vinculin (L817) polyclonal antibody

Catalog: BS1700

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Focal adhesions are identified as areas within the plasma membrane of tissue culture cells that adhere tightly to the underlying substrate. In vivo, these regions are involved in the adhesion of cells to the extracellular matrix. Paxillin and vinculin are cytoskeletal, focal adhesion proteins that are components of a protein complex which links the Actin network to the plasma membrane. Vinculin binding sites have been identified on other cytoskeletal proteins, including Talin and α -actinin. In addition, vinculin, Talin and α -actinin each contain Actin binding sites. Expression of vinculin and Talin has been shown to be affected by the level of Actin expression. α -Actinin has been shown to link Actin to integrins in the plasma membrane through interactions with the vinculin and Talin complex or by a direct interaction with integrin.

Product:

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

Molecular Weight:

~ 123 kDa

Swiss-Prot:

P18206

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

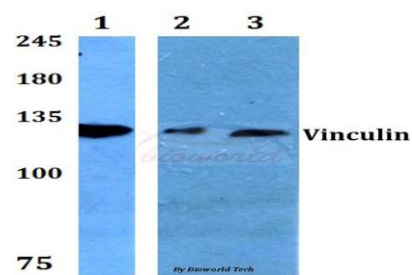
Storage&Stability:

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

Specificity:

Vinculin (L817) pAb detects endogenous levels of Vinculin protein.

DATA:

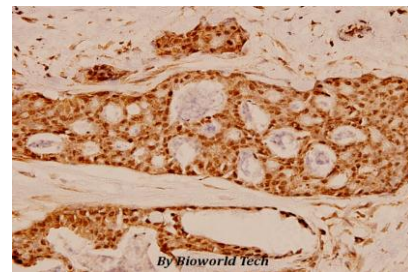


Western blot (WB) analysis of Vinculin (L817) pAb at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:Mouse kidney tissue lysate

Lane3:Rat kidney tissue lysate



Immunohistochemistry (IHC) analyzes of Vinculin (L817) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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