Ezrin (phospho-T567)/Radixin (phospho-T564)/Moesin (phospho-T558) polyclonal antibody

Catalog: BCP00756 Host: Rabbit Reactivity: Human

BackGround:

Ezrin, Moesin and Radixin belong to a family of highly homologous Actinassociated proteins that are localized just beneath the plasma membrane. The proteins are believed to be involved in the mediation of interactions between cytoskeletal and membrane proteins. Ezrin serves as a major cytoplasmic substrate of various protein-tyrosine kinases, including the epidermal growth factor receptor. Ezrin has also been identified as a cAMP-dependent protein kinase (A-kinase) anchoring protein and designated AKAP78. Moesin and Radixin share over 70% homology with Ezrin and are coexpressed within various cell types. Despite the high degree of homology, the three proteins exhibit a distinct receptor-specific pattern of phosphorylation.

Product:

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

Molecular Weight:

~ 69, 81 kDa

Swiss-Prot:

P15311/P26038/P35241

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

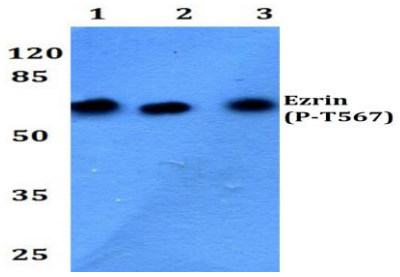
Storage&Stability:

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

Specificity:

p-Ezrin(T567)/Radixin (T564)/Moesin (T558) polyclonal antibody detects endogenous levels of Ezrin, Radixin and Moesin only when phosphorylated at Thr567, Thr564 or Thr558, respectively.

DATA:



Western blot (WB) analysis of p-Ezrin (T566) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:U-87MG whole cell lysate(40ug)

Lane3:A2780 whole cell lysate(40ug)

Lane4:SGC7901 whole cell lysate(40ug)

Note:

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

Complex biotech, co. Ltd.
Add：No 9, weidi road Qixia District Nanjing, 210046, P. R. China.