

p-MSN; RDX; EZR(T558) polyclonal antibody

Catalog: BS65022

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

The ezrin, radixin, and moesin (ERM) proteins function as linkers between the plasma membrane and the actin cytoskeleton and are involved in cell adhesion, membrane ruffling, and microvilli formation. ERM proteins undergo intra or intermolecular interaction between their amino- and carboxy-terminal domains, existing as inactive cytosolic monomers or dimers. Phosphorylation at a carboxy-terminal threonine residue (Thr567 of ezrin, Thr564 of radixin, Thr558 of moesin) disrupts the amino- and carboxy-terminal association and may play a key role in regulating ERM protein conformation and function. Phosphorylation at Thr567 of ezrin is required for cytoskeletal rearrangements and oncogene-induced transformation. Ezrin is also phosphorylated at tyrosine residues upon growth factor stimulation. Phosphorylation of Tyr353 of ezrin transmits a survival signal during epithelial differentiation.

Product:

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

Molecular Weight:

~ 75,80 kDa

Swiss-Prot:

P26038; P35241; P15311

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:

MSN; RDX; EZR(phospho-T558) polyclonal antibody detects endogenous levels of MSN; RDX; EZR(phospho-T558) protein.

DATA:



Western blot (WB) analysis of MSN; RDX;

EZR(phospho-T558) polyclonal antibody at 1:500 dilution

Lane1:THP-1 whole cell lysate(40ug)

Lane2:H9C2 whole cell lysate(40ug)

Lane3:The heart tissue lysate of Rat(40ug)

Lane4:MCF-7 whole cell lysate(40ug)

Lane5:A549 whole cell lysate(40ug)

Lane6:SP2/0 whole cell lysate(40ug)

Lane7:The lung tissue lysate of Rat(40ug)

Note:

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

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