

## TEC (Q75) polyclonal antibody

Catalog: AP0820

Host: Rabbit

Reactivity: Human,Rat,Mouse

### BackGround:

Tec kinase belongs to a structurally related subfamily of protein tyrosine kinases (PTKs) that includes Btk, Itk (also known as Emt or Tsk), Bmx, and Txk (or Rlk). With the exception of Txk, the members of this subfamily possess a long amino-terminal region consisting of a pleckstrin homology (PH) domain and a Tec homology (TH) domain. Because PH domains bind phosphoinositides with high affinity, the Tec family kinases have been proposed to act downstream of phosphatidylinositol 3-kinase (PI3-kinase) in signaling pathways. Binding of the PH domain with phosphoinositides is probably required for targeting of Tec family kinases to the cell membrane. Tec kinase is activated in response to many upstream signaling events including antigen receptor, RTK, GPCR, and integrin stimulation. Activated Tec kinase directly phosphorylates substrates such as PLC-gamma 2 and BRDG1 docking protein and mediates downstream signaling.

### Product:

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

### Molecular Weight:

~ 70 kDa

### Swiss-Prot:

P42680

### 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: 1:1000~1:2000

IF: 1:50~1:200

### Storage&Stability:

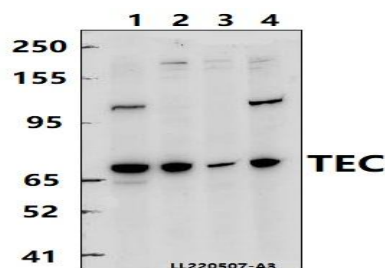
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Specificity:

TEC (Q75) polyclonal antibody detects endogenous levels of TEC protein.

### DATA:



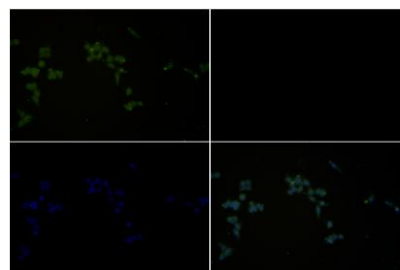
Western blot (WB) analysis of TEC (Q75) polyclonal antibody at 1:2000 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:CT-26 whole cell lysate(40ug)

Lane4:PC12 whole cell lysate(40ug)



Immunofluorescence analysis of MCF-7 cells using TEC (Q75) anti-body at dilution of 1:50.

### Note:

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

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