

TBC1D4 (phospho-T642) polyclonal antibody

Catalog: BS4293

Host: Rabbit

Reactivity: Human, Rat

BackGround:

TBC1 domain family member 4 (TBC1D4), also designated AS160, can be insulin- and/or AKT1-induced. Insulin-stimulated phosphorylation is required for GLUT4 translocation. TBC1D4 may play a role as a GTPase activating protein for proteins in the Rab family. It is expressed primarily in skeletal muscle and heart, as well as spleen, lymph node and leukocytes. Defects in the TBC1D4 gene may cause atopic dermatitis (AD), sometimes referred to as eczema, an atopic chronic skin disease. The skin of affected individuals reacts to irritants or allergens and becomes red, flaky and itchy. The skin is also more vulnerable to inflammations, and symptoms can grow or disappear over time.

Product:

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

Molecular Weight:

~ 160 kDa

Swiss-Prot:

O60343

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

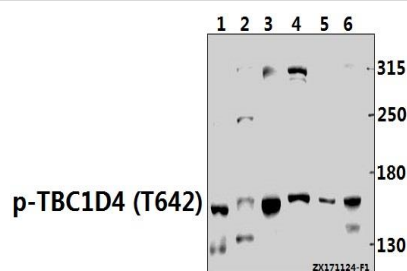
Storage&Stability:

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

Specificity:

p-TBC1D4 (T642) polyclonal antibody detects endogenous levels of TBC1D4 only when phosphorylated at Thr642.

DATA:



Western blot (WB) analysis of p-TBC1D4 (T642) pAb at 1:500 dilution

Lane1:PC12 whole cell lysate(40ug)

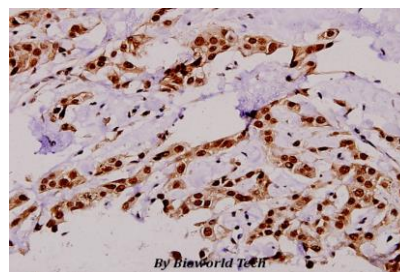
Lane2:HCT116 whole cell lysate(40ug)

Lane3:SGC7901 whole cell lysate(40ug)

Lane4:Panc1 whole cell lysate(40ug)

Lane5:MCF-7 whole cell lysate(40ug)

Lane6:HEK293T whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of p-TBC1D4 (T642) 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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