

## TBC1D2 polyclonal antibody

Catalog: BS60814

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

GTPase-activating proteins (GAPs) accelerate the intrinsic rate of GTP hydrolysis of Ras-related proteins, resulting in downregulation of their active form. TBC1D2 (TBC1 domain family member 2), also known as Armus or PARIS-1 (prostate antigen recognized and identified by SEREX 1), is a 928 amino acid protein containing a Rab-GAP TBC domain and a PH domain. Localizing to cytoplasm, cytoplasmic vesicles and cell junctions, TBC1D2 is expressed in a broad range of tissues, including kidney, liver, lung and placenta, as well as in keratinocytes and epithelia-containing organs. TBC1D2 functions as a GTPase-activating protein for RAB7, and also acts as a linker between RAB7 and RAC1, which leads to RAB7A inactivation and inhibition of E-cadherin degradation. Existing as six alternatively spliced isoforms, the gene encoding TBC1D2 maps to human chromosome 9q22.33.

### Product:

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

### Molecular Weight:

~ 105 kDa

### Swiss-Prot:

Q9BYX2

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

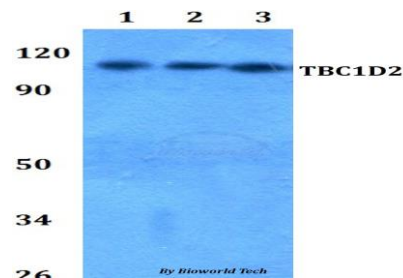
### Storage&Stability:

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

### Specificity:

TBC1D2 polyclonal antibody detects endogenous levels of TBC1D2 protein.

### DATA:



Western blot (WB) analysis of TBC1D2 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:PC12 whole cell lysate

### Note:

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

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