

TMC7 polyclonal antibody

Catalog: BS60259

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

TMC7 (Transmembrane channel-like protein 7) is a 723 amino acid protein that is a member of the TMC protein family. All TMC genes encode transmembrane proteins with intracellular amino- and carboxy- termini and at least eight membrane spanning domains. Therefore, TMC7 is a multi-pass membrane protein that may regulate or function as an ion channel or transporter. The gene encoding TMC7 maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.

Product:

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

Molecular Weight:

~ 84 kDa

Swiss-Prot:

Q7Z402

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

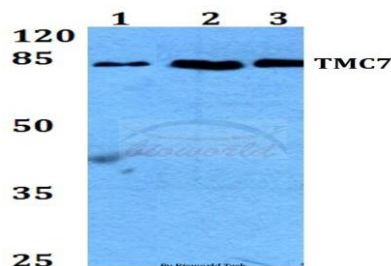
Storage&Stability:

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

Specificity:

TMC7 polyclonal antibody detects endogenous levels of TMC7 protein.

DATA:



Western blot (WB) analysis of TMC7 polyclonal antibody at 1:500 dilution

Lane1:THP-1 whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

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

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