

**TMEM35 polyclonal antibody**

Catalog: BS35040

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Novel acetylcholine receptor chaperone: Molecular chaperone which mediates the proper assembly and functional expression of the nicotinic acetylcholine receptors (nAChRs) throughout the brain. Essential for the proper folding, assembly, function and surface trafficking of alpha-7 (CHRNA7), alpha-4-beta-2, alpha-3-beta-2 and alpha-3-beta-4 receptors. Stably associates with ribophorin-1 (RPN1) and ribophorin-2 (RPN2) (components of the oligosaccharyl transferase (OST) complex) and with calnexin (CANX), both of which are critical for NACHO-mediated effects on CHRNA7 assembly and function (By similarity). Facilitates the proper folding and assembly of alpha-6-beta-2 and alpha-6-beta-2-beta-3 receptors and acts at early stages of the nAChRs subunit assembly. Promotes the expression of the alpha-4(2):beta-2(3) stoichiometric form over the alpha-4(3):beta-2(2) form.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~18.4 kDa

Swiss-Prot:

Q53FP2

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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:

Recognizes endogenous levels of TMEM35 protein

DATA:

Western blot analysis of TAF5L expression in HEK293T (A), Hela (B) whole cell lysates.

Immunohistochemical analysis of TAF5L staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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