
TMEM18 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254025

Unit: 0.1 mg

Description:

Recent studies have examined how overexpression of certain genes enhances the tropism of neural stem cells (NSCs) for gliomas. Overexpression of Transmembrane protein 18 (TMEM18) provides NSCs and neural precursors an increased migration capacity towards glioblastoma cells in vitro and in the rat brain, while functional inactivation of the gene resulted in an almost complete loss of migration activity, suggesting that TMEM18 could be a potential target in NSC-based glioma therapy. Other recent results suggest that among others, the TMEM18 loci is associated with higher than normal body mass index (BMI) and obesity, indicating there may be a CNS-related role in predisposition to obesity. Multiple isoforms of TMEM18 are known to exist.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: TMEM18; Transmembrane protein 18

Accession No.: EAX01097

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human TMEM18.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.