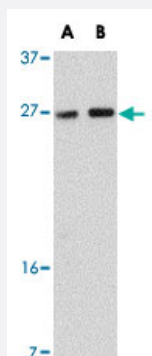


TMEM18 polyclonal antibody

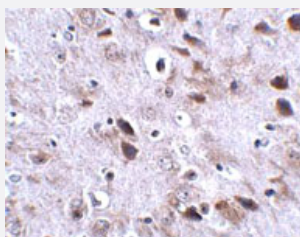
Catalog # PAB16702 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of TMEM18 in rat brain tissue lysate with TMEM18 polyclonal antibody (Cat # PAB16702) at (A) 0.5 and (B) 1 ug/mL .



Immunohistochemistry

Immunohistochemical staining of mouse brain tissue with 2.5 ug/mL TMEM18 polyclonal antibody (Cat # PAB16702).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TMEM18.
Immunogen	A synthetic peptide corresponding to C-terminus 15 amino acids of human TMEM18.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of TMEM18 in rat brain tissue lysate with TMEM18 polyclonal antibody (Cat # PAB16702) at (A) 0.5 and (B) 1 ug/mL .

- Immunohistochemistry

Immunohistochemical staining of mouse brain tissue with 2.5 ug/mL TMEM18 polyclonal antibody (Cat # PAB16702).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TMEM18

Entrez GeneID	129787
Protein Accession#	EAX01097
Gene Name	TMEM18
Gene Alias	DKFZp434C1714
Gene Description	transmembrane protein 18
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [Replication and extension of genome-wide association study results for obesity in 4923 adults from northern Sweden.](#)

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- [Six new loci associated with body mass index highlight a neuronal influence on body weight regulation.](#)

Willer CJ, Speliotes EK, Loos RJ, Li S, Lindgren CM, Heid IM, Berndt SI, Elliott AL, Jackson AU, Lamina C, Lettre G, Lim N, Lyon HN, McCarroll SA, Papadakis K, Qi L, Randall JC, Roccascaccia RM, Sanna S, Scheet P, Weedon MN, Wheeler E, Zhao JH, Jacobs LC, Prokopenko I, Soranzo N, Tanaka T, Timpson NJ, Almgren P, Bennett A, Bergman RN, Bingham SA, Bonnycastle LL, Brown M, Burt NP, Chines P, Coin L, Collins FS, Connell JM, Cooper C, Smith GD, Dennison EM, Deodhar P, Elliott P, Erdos MR, Estrada K,.

Nature Genetics 2008 Dec; 41(1):25.

- [Transmembrane protein 18 enhances the tropism of neural stem cells for glioma cells.](#)

Jurvansuu J, Zhao Y, Leung DS, Boulaire J, Yu YH, Ahmed S, Wang S.

Cancer Research 2008 Jun; 68(12):4614.

Application: IF, WB, Human, NT2 cells

Disease

- [Anorexia Nervosa](#)
- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Failure to Thrive](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Obesity](#)
- [Weight Gain](#)