

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TMEM50B



Numéro de catalogue: 15941-1-AP

Informations de base

Numéro de catalogue:

15941-1-AP

Taille:

150ul, Concentration: 133 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG8220

Numéro d'acquisition GenBank:

BC000569

Identification du gène (NCBI):

757

Nom complet:

transmembrane protein 50B

MW calculé

15 kDa

MW observés:

14 kDa, 30 kDa, 50 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:300-1:1000

IHC 1:50-1:500

Applications

Applications testées:

IHC, WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu testiculaire de souris, tissu cardiaque de souris

IHC : tissu cérébral de souris,

Informations générales

TMEM50B, originally referred to as C21orf4, is a predicted transmembrane protein, estimated to contain four transmembrane-spanning domains with both the carboxy- and amino-terminals being cytoplasmic (PMID: 10077530; 18541381). Human TMEM50B shares sequence homologies of around 90-100% with mouse and rat Tmem50b. In a Down syndrome mouse model, Ts1Cje, Tmem50b is shown to be one of the few genes significantly over-expressed during cerebellar development (PMID: 15590701). It has been reported that rodent Tmem50b is a developmentally-regulated intracellular ER and Golgi apparatus membrane protein that may prove important for correct brain development through functions associated with precursor cells and glia (PMID: 18541381). TMEM50B can exist as a dimer and a trimer conformation (PMID: 18541381).

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:

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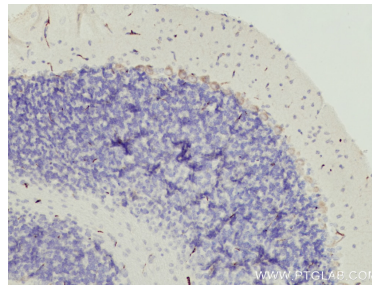
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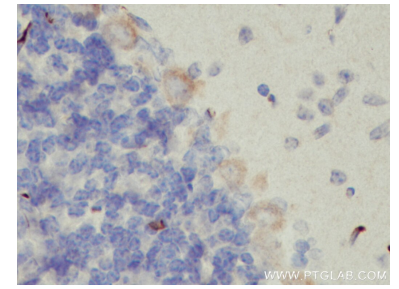
Données de validation sélectionnées



mouse testis tissue were subjected to SDS PAGE followed by western blot with 15941-1-AP (TMEM50B antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15941-1-AP (TMEM50B antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15941-1-AP (TMEM50B antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).