

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TRPM7



Numéro de catalogue: 55251-1-AP

Informations de base

Numéro de catalogue:

55251-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_017672

Identification du gène (NCBI):

54822

Nom complet:

transient receptor potential cation channel, subfamily M, member 7

MW calculé

213 kDa

MW observés:

220 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

Applications

Applications testées:

WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

Contrôles positifs:

WB : tissu cérébral de souris, tissu cérébral de rat

Informations générales

Transient receptor potential melastatin 7 (TRPM7), along with the closely related TRPM6, are unique channels that have dual operations: cation permeability and kinase activity. In contrast to the limited tissue distribution of TRPM6, TRPM7 is widely expressed among tissues and is therefore implicated in a variety of cellular functions physiologically and pathophysiologically. The discovery of TRPM7's unique structure imparting dual ion channel and kinase activities shed light onto novel and peculiar biological functions, such as Mg²⁺ homeostasis, cellular Ca²⁺ flickering, and even intranuclear transcriptional regulation by a cleaved kinase domain translocated to nuclei. The calculated MW of TRPM7 is 213 kDa, 55251-1-AP can detect a band around 220 kDa. (PMID: 32503408)

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.**

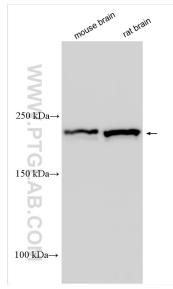
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 55251-1-AP (TRPM7 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.