

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-OLIG2



Numéro de catalogue: **CL488-13999**

## Informations de base

<b>Numéro de catalogue:</b> CL488-13999	<b>Numéro d'acquisition GenBank:</b> BC047511	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 10215	<b>Dilutions recommandées:</b> IF 1:50-1:500
<b>Hôte:</b> Lapin	<b>Nom complet:</b> oligodendrocyte lineage transcription factor 2	<b>Excitation/Emission maximum wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>MW calculé:</b> 32 kDa	
<b>Immunogen Catalog Number:</b> AG5089	<b>MW observés:</b> 32 kDa	

## Applications

<b>Applications testées:</b> IF	<b>Contrôles positifs:</b> IF : tissu cérébral de rat,
<b>Spécificité de l'espèce:</b> Humain, rat, souris	

## Informations générales

OLIG2, also named as BHLHB1, BHLHE19, PRKCBP2 and RACK17, is required for oligodendrocyte and motor neuron specification in the spinal cord, as well as for the development of somatic motor neurons in the hindbrain. Cooperates with OLIG1, OLIG2 establish the pMN domain of the embryonic neural tube. Antagonist of V2 interneuron and of NIK2-2-induced V3 interneuron development. OLIG2 is widely expressed in subsets of glia cells and progenitors, and it is strongly induced at different sites by both acute and chronic injury, albeit with different mechanisms. OLIG2 acts as a repressor of neurogenesis in cells reacting to brain injury. It may represent an effective approach towards evoking neuronal repair from parenchymal precursors.(PMID:19390819)

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, 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:

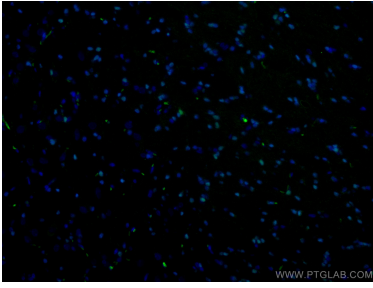
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## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using CoraLite® Plus 488 Olig2 antibody (CL488-13999) at dilution of 1:200. DAPI (blue).