

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-OLIG2



Numéro de catalogue: 25754-1-AP

Informations de base

Numéro de catalogue:	25754-1-AP	Numéro d'acquisition GenBank:	BC047511	Méthode de purification:	Purification par affinité contre l'antigène
Taille:	150ul, Concentration: 750 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI):	10215	Dilutions recommandées:	WB 1:500-1:1000 IHC 1:50-1:500
Hôte:	Lapin	Nom complet:	oligodendrocyte lineage transcription factor 2		
Isotype:	IgG	MW calculé:	32 kDa		
Immunogen Catalog Number:	AG22642	MW observés:	40 kDa		

Applications

Applications testées:

IHC, WB, ELISA

Spécificité de l'espèce:

Humain, rat

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 cérébral de rat, cellules C6

IHC : tissu de gliome humain, tissu cérébral de souris, tissu de cervelet de souris

Informations générales

The oligodendrocyte lineage-specific basic helix-loop-helix (OLIG) family of transcription factors include OLIG1-OLIG3, which differ in tissue expression. OLIG1 and OLIG2 are specifically expressed in nervous tissue as gene regulators of oligodendrogenesis. OLIG1 and OLIG2 interact with the Nkx-2.2 homeodomain protein, which is responsible for directing ventral neuronal patterning in response to graded Sonic hedgehog signaling in the embryonic neural tube. These interactions between OLIG proteins and Nkx-2.2 appear to promote the formation of alternate cell types by inhibiting V3 interneuron development. OLIG1 and OLIG2 are abundantly expressed in oligodendroglioma and nearly absent in astrocytomas. Therefore, OLIG proteins are candidates for molecular markers of human glial brain tumors, which are the most common primary malignancies of the human brain.

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.

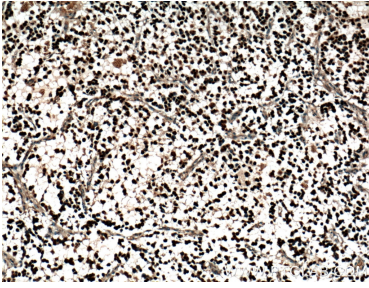
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

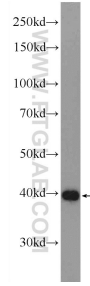
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 25754-1-AP (OLIG2 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



rat brain tissue were subjected to SDS PAGE followed by western blot with 25754-1-AP (OLIG2 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night.