

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ROBO1



Numéro de catalogue: 25181-1-AP

## Informations de base

Numéro de catalogue: 25181-1-AP	Numéro d'acquisition GenBank: BC112336	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 400 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 6091	Dilutions recommandées: WB 1:200-1:1000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: roundabout, axon guidance receptor, homolog 1 (Drosophila)	
Isotype: IgG	MW calculé 1651 aa, 181 kDa	
Immunogen Catalog Number: AG16461	MW observés: 200-250 kDa	

## Applications

Applications testées:  
IHC, WB, ELISA

Spécificité de l'espèce:  
Humain

Contrôles positifs:

WB : cellules Y79, cellules HeLa  
IHC : tissu cérébral humain,

**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.**

## Informations générales

ROBO1, also named as DUTT1, belongs to the immunoglobulin superfamily and ROBO family. It is a receptor for SLIT1 and SLIT2 which are thought to act as molecular guidance cue in cellular migration, including axonal navigation at the ventral midline of the neural tube and projection of axons to different regions during neuronal development. In axon growth cones, the silencing of the attractive effect of NTN1 by SLIT2 may require the formation of a ROBO1-DCC complex. It may be required for lung development.

## 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.

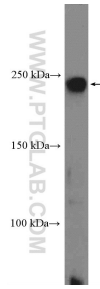
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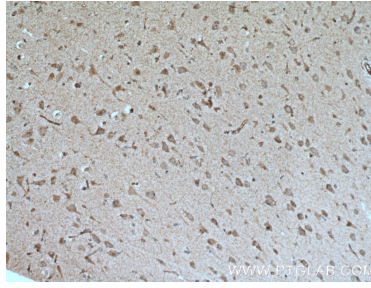
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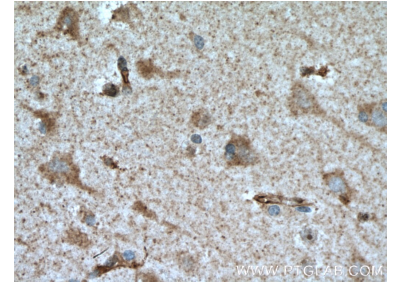
## Données de validation sélectionnées



Y79 cells were subjected to SDS PAGE followed by western blot with 25181-1-AP (ROBO1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 25181-1-AP (ROBO1 Antibody) at dilution of 1:50 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 25181-1-AP (ROBO1 Antibody) at dilution of 1:50 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).