

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-AMIGO1



Numéro de catalogue: 21874-1-AP

## Informations de base

<b>Numéro de catalogue:</b> 21874-1-AP	<b>Numéro d'acquisition GenBank:</b> BC040879	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 57463	<b>Dilutions recommandées:</b> WB 1:1000-1:4000
<b>Hôte:</b> Lapin	<b>Nom complet:</b> adhesion molecule with Ig-like domain 1	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 493 aa, 55 kDa	
<b>Immunogen Catalog Number:</b> AG16226	<b>MW observés:</b> 70-80 kDa	

## Applications

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

## Informations générales

AMIGO1 is a brain-enriched transmembrane immunoglobulin (Ig) superfamily protein with six extracellular leucine-rich repeats (LRR) and a single immunoglobulin-like (Ig) domain (PMID: 21938721). It is widely expressed in the central nervous system (CNS), and can be found in neurons, astrocytes as well as oligodendrocytes. AMIGO1 acts as a homophilic adhesion molecule that induces outgrowth and fasciculation of neurites in central neurons (PMID: 12629050). It has been reported that AMIGO1 is a glycosylated protein, the apparent molecular weight (70-80 kDa) is much higher than the predicted molecular size of AMIGO1 (55 kDa) (PMID: 12629050; 21938721; 22056818).

## 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.

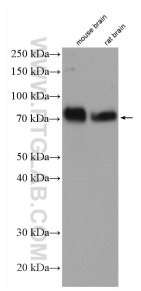
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## Données de validation sélectionnées



mouse brain tissue and rat brain tissue were subjected to SDS PAGE followed by western blot with 21874-1-AP (AMIGO 1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.