

À des fins de recherche uniquement

# Anticorps Monoclonal anti-VAMP2

Numéro de catalogue: 67822-1-Ig



## Informations de base

Numéro de catalogue: 67822-1-Ig	Numéro d'acquisition GenBank: BC002737	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 6844	CloneNo.: 1G7E8
Hôte: Mouse	Nom complet: vesicle-associated membrane protein 2 (synaptobrevin 2)	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:1000-1:4000
Isotype: IgG3	MW calculé: 13 kDa	
Immunogen Catalog Number: AG17908	MW observés: 19 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Spécificité de l'espèce:

Humain, Lapin, porc, rat, souris

**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 lapin, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris

IHC : tissu cérébral de souris,

## Informations générales

VAMP2 (vesicle-associated membrane protein 2), also named as synaptobrevin 2, is a member of the SNARE (soluble NSF-attachment protein receptor) family proteins. Characterized by a common sequence called the SNARE motif, SNARE proteins are involved in membrane fusion and vesicular transport (PMID: 11252968). VAMP2, with a molecular mass of 15-19 kDa, consists of a short N-terminal sequence, a SNARE motif, and a C-terminal transmembrane region. It is required for fast calcium-triggered synaptic vesicle fusion. VAMP2 forms a stable complex with STX1 (syntaxin 1) and SNAP25 (synaptosomal-associated protein 25) during synaptic vesicle fusion (PMID: 16793874). It also forms a distinct complex with synaptophysin. VAMP2 is expressed in nervous system and some non-neuronal tissues, such as skeletal muscle (PMID: 18570252).

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azotate 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.

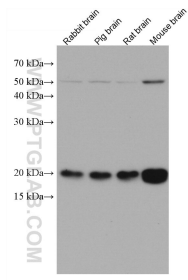
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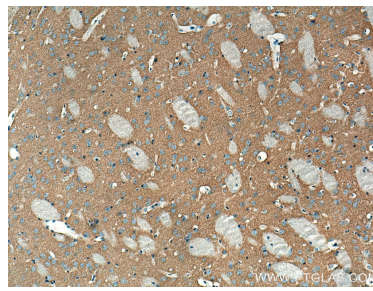
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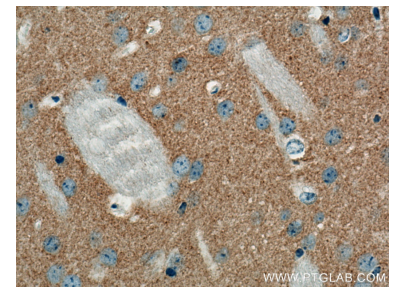
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67822-1-Ig (VAMP2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67822-1-Ig (VAMP2 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67822-1-Ig (VAMP2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).