

À des fins de recherche uniquement

# Anticorps Monoclonal anti-TBR1

Numéro de catalogue: 66564-1-Ig **3 Publications**



## Informations de base

Numéro de catalogue: 66564-1-Ig	Numéro d'acquisition GenBank: BC104844	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 10716	CloneNo.: 5C3A5
Hôte: Mouse	Nom complet: T-box, brain, 1	Dilutions recommandées: WB 1:2000-1:12000 IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG1	MW calculé: 682 aa, 74 kDa	
Immunogen Catalog Number: AG15262	MW observés: 74 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IF, IHC

### Spécificité de l'espèce:

Humain, porc, rat, souris

### Espèces citées:

souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : tissu cérébral de porc, tissu de cervelet de porc, tissu de cervelet de rat

IHC : tissu cérébral de souris,

IF : tissu cérébral de souris,

## Informations générales

TBR1, also named as T-box brain protein 1, is a 682 amino acid protein, which contains one T-box DNA-binding domain and localizes in the nucleus. TBR1 is expressed in the brain and as a transcriptional regulator is involved in developmental processes. TBR1 is required for normal brain development.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Thao P Phan	33226141	EMBO J	IHC
Egidio Spinelli	34185323	Ann Neurol	IF
Huai-Bin Hu	33510165	Nat Commun	IF

## 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'aliquoteage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

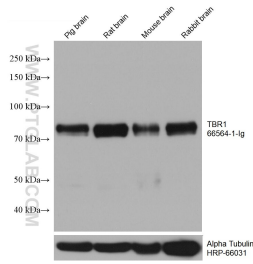
For technical support and original validation data for this product please contact:

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

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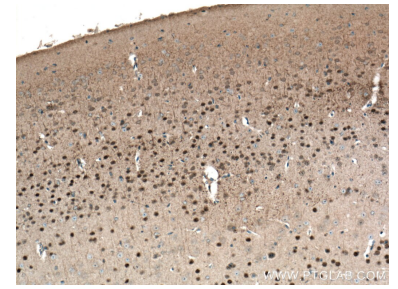
## Données de validation sélectionnées



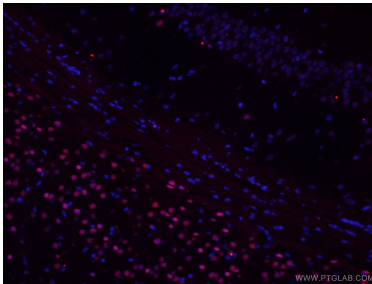
Various lysates were subjected to SDS PAGE followed by western blot with 66564-1-Ig (TBR1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



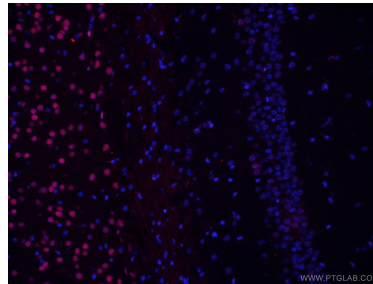
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66564-1-Ig (TBR1 antibody) at dilution of 1:200 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



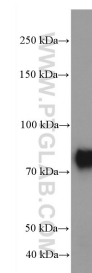
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66564-1-Ig (TBR1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 66564-1-Ig (TBR1 antibody) at dilution of 1:100 and Alexa Fluor 594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 66564-1-Ig (TBR1 antibody) at dilution of 1:100 and Alexa Fluor 594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



pig cerebellum tissue were subjected to SDS PAGE followed by western blot with 66564-1-Ig (TBR1 antibody) at dilution of 1:2000 incubated at 4 degree celsius over night.