

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-DBR1



Numéro de catalogue: 16019-1-AP

Phare

7 Publications

## Informations de base

|   |   |  |
|---|---|--|
| <b>Numéro de catalogue:</b><br>16019-1-AP   | <b>Numéro d'acquisition GenBank:</b><br>BC009472                    | <b>Méthode de purification:</b><br>Purification par affinité contre l'antigène       |
| <b>Taille:</b><br>150ul, Concentration: 600 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard; | <b>Identification du gène (NCBI):</b><br>51163                      | <b>Dilutions recommandées:</b><br>WB 1:500-1:3000<br>IHC 1:20-1:200<br>IF 1:10-1:100 |
| <b>Hôte:</b><br>Lapin   | <b>Nom complet:</b><br>debranching enzyme homolog 1 (S. cerevisiae) |  |
| <b>Isotype:</b><br>IgG  | <b>MW calculé:</b><br>544 aa, 62 kDa                                |  |
| <b>Immunogen Catalog Number:</b><br>AG8830  | <b>MW observés:</b><br>70-80 kDa                                    |  |

## Applications

|  |   |
|--|---|
| <b>Applications testées:</b><br>IF, IHC, WB, ELISA | <b>Contrôles positifs:</b><br>WB : tissu cérébral humain, cellules HeLa, cellules HepG2<br>IHC : tissu placentaire humain,<br>IF : cellules HeLa, |
| <b>Demandes citées:</b><br>IF, IHC, WB             |   |
| <b>Spécificité de l'espèce:</b><br>Humain          |   |
| <b>Espèces citées:</b><br>Humain, rat              |   |

**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.**

## Informations générales

DBR1(Lariat debranching enzyme) hydrolyzes 2-prime-to-5-prime branched phosphodiester bonds at the branch point of excised lariat intron RNA and converts them into linear molecules. DBR1 belongs to the lariat debranching enzyme family. Inhibitor of Dbr1 can suppress TDP-43 toxicity in primary neurons, suggesting that Dbr1 could be a potential therapeutic target for ALS and related TDP-43 proteinopathies (PMID: 23104007). This protein has 2 isoforms produced by alternative splicing.

## Publications notables

| Autrice     | Pubmed ID | Journal                  | Application |
|-------------|-----------|--------------------------|-------------|
| Xiaoqin Xu  | 35244467  | Technol Cancer Res Treat | IHC         |
| So Masaki   | 25671812  | Int J Mol Sci            | WB, IHC     |
| Luke Buerer | 37398028  | Res Sq                   | WB, IF      |

## Stockage

**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azote 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.

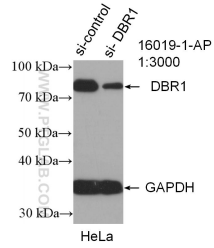
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

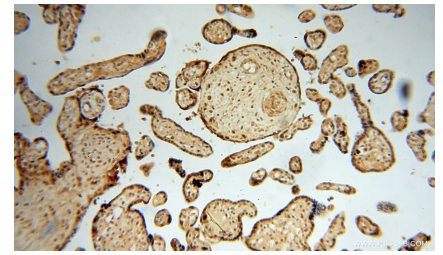
## Données de validation sélectionnées



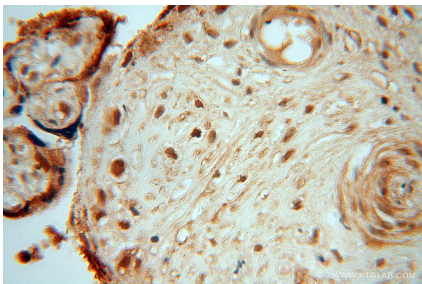
human brain tissue were subjected to SDS PAGE followed by western blot with 16019-1-AP (DBR1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



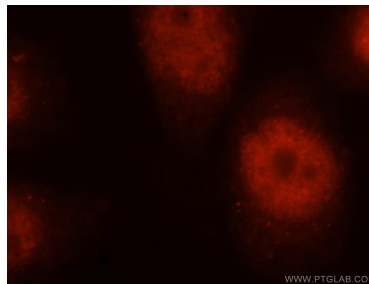
WB result of DBR1 antibody (16019-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DBR1 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human placenta using 16019-1-AP (DBR1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta using 16019-1-AP (DBR1 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using DBR1 antibody 16019-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).