

Title (en)  
ANTIBODIES BINDING TO THE AAV CAPSID, ANTIBODIES MODIFYING CYTOTROPISM, METHOD FOR TARGETED GENE TRANSFER

Title (de)  
AN DAS AAV-KAPSID BINDENDER, DEN ZELLTROPISMUS VERÄNDERNDER ANTIKÖRPER UND VERFAHREN ZUM GERICHTETEN GENTRANSFER

Title (fr)  
ANTICORPS SE LIANT A LA CAPSIDE DE VIRUS ASSOCIES AUX ADENOVIRUS (AAV), MODIFIANT LE TROPISME CELLULAIRE ET PROCEDE DE TRANSFERT DE GENES CIBLE

Publication  
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Application  
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Abstract (en)  
[origin: DE19849643A1] The invention relates to monoclonal antibodies or fragments thereof binding to the capsid of adeno associated viruses, whereby the virus is preventing from binding to the virus receptor of the original target cell. Said antibody or fragment thereof can also be fused with a desired receptor ligand. After the binding of one such antibody to the AAV capsid, it is possible to obtain an AAV that has a modified cytotropism, i.e. can bind to a new target cell depending upon the fused ligand and can be used in the construction of an AAV vector for targeted gene transfer.

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**C07K 16/08**; **C12N 15/86**; **C07K 19/00**; **C12N 5/20**; **A61K 48/00**

IPC 8 full level  
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