



(12) Translation of
European patent specification

(11) NO/EP 2794654 B1

NORWAY

(19) NO
(51) Int Cl.
C07K 16/00 (2006.01)
A61K 39/00 (2006.01)
C07K 16/18 (2006.01)

Norwegian Industrial Property Office

(21)	Translation Published	2019.08.19
(80)	Date of The European Patent Office Publication of the Granted Patent	2019.05.22
(86)	European Application Nr.	12859920.6
(86)	European Filing Date	2012.12.19
(87)	The European Application's Publication Date	2014.10.29
(30)	Priority	2011.12.20, US, 201161577817 P
(84)	Designated Contracting States:	AL ; AT ; BE ; BG ; CH ; CY ; CZ ; DE ; DK ; EE ; ES ; FI ; FR ; GB ; GR ; HR ; HU ; IE ; IS ; IT ; LI ; LT ; LU ; LV ; MC ; MK ; MT ; NL ; NO ; PL ; PT ; RO ; RS ; SE ; SI ; SK ; SM ; TR
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(54) Title **ANTI-PHF-TAU ANTIBODIES AND THEIR USES**

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Enclosed is a translation of the patent claims in Norwegian. Please note that as per the Norwegian Patents Acts, section 66i the patent will receive protection in Norway only as far as there is agreement between the translation and the language of the application/patent granted at the EPO. In matters concerning the validity of the patent, language of the application/patent granted at the EPO will be used as the basis for the decision. The patent documents published by the EPO are available through Espacenet (<http://worldwide.espacenet.com>) or via the search engine on our website here: <https://search.patentstyret.no/>

Patentkrav

1. Isolert antistoff som binder PHF -tau som omfatter en VH av SEQ ID NO: 37 og en VL av SEQ ID NO: 38 eller en humanisert versjon derav,

hvor nevnte humaniserte versjonen har affinitet mot PHF-tau med en
5 dissosiasjonskonstant (KD) mindre enn eller lik 10^{-10} M, som bestemt av ProteOn.
2. Isolert antistoff ifølge krav 1, hvor antistoffet er av IgG-isotype, eventuelt hvor antistoffet er av:
 - (a) IgG1 isotype,
 - (b) IgG2 isotype,
 - 10 (c) IgG3 isotype, eller
 - (d) IgG4 isotype.
3. Isolert antistoff ifølge krav 1 eller 2, hvor antistoffet er et antistofffragment, så som et Fab, Fab', F(ab')₂ eller Fv fragment.
4. Isolert antistoff ifølge et hvilket som helst av kravene 1-3, hvor antistoffet er
15 humanisert.
5. Isolert polynukleotid som koder for isolert antistoff ifølge et hvilket som helst av kravene 1-4.
6. Vektor omfattende et polynukleotid ifølge krav 5.
7. Vertscelle omfattende vektoren ifølge krav 6.
- 20 8. Fremgangsmåte for fremstilling av et antistoff som binder PHF-tau omfattende dyrkning av vertscellen ifølge krav 7 og utvinning av antistoffet fremstilt av vertscellen.
9. Farmasøytisk sammensetning omfattende antistoff ifølge et hvilket som helst av kravene 1-4 og en farmasøytisk akseptabel bærer.
- 25 10. Isolert antistoff ifølge et hvilket som helst av kravene 1-4 for anvendelse i terapi.

11. Isolert antistoff ifølge et hvilket som helst av kravene 1-4 for anvendelse i behandling eller forebygging eller reduksjon av symptomene på en neurodegenerativ sykdom som involverer patologisk aggregering av tau i hjernen.
12. Isolert antistoff til anvendelse ifølge krav 11, hvor den neurodegenerative sykdommen er Alzheimers sykdom.