Title (en)

DIAGNOSTIC AND THERAPEUTIC USE OF RAS-GTPASE-ACTIVATING SH3-DOMAIN-BINDING PROTEIN 2 (G3BP2) FOR NEURODEGENERATIVE DISEASES

Title (de)

DIAGNOSTISCHE UND THERAPEUTISCHE VERWENDUNG VON RAS-GTPASE-AKTIVIERENDEM SH3-BINDENDEM PROTEIN 2 (G3BP2) FÜR NEURODEGENERATIVE ERKRANKUNGEN

Title (fr)

UTILISATION, EN MATIERE DE DIAGNOSTIC ET DE THERAPIE DE MALADIES NEURODEGENERATIVES, DE LA PROTEINE 2 (G3BP2) SE FIXANT AU DOMAINE SH3 DE LA PROTEINE ACTIVANT LA RAS GTPASE

Publication

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Application

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Abstract (en)

[origin: WO2004001422A2] The present invention discloses the differential expression of the G3BP2 gene in specific brain regions of Alzheimer's disease patients. Based on this finding, this invention provides a method for diagnosing or prognosticating a neurodegenerative disease, in particular Alzheimer's disease, in a subject, or for determining whether a subject is at increased risk of developing such a disease. Furthermore, this invention provides therapeutic and prophylactic methods for treating or preventing Alzheimer's disease and related neurodegenerative disorders using the G3BP2 gene and its corresponding gene products. A method of screening for modulating agents of neuro-degenerative diseases is also disclosed.

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Citation (search report)

See references of WO 2004001422A2

Citation (examination)

SCHNEIDER MARTIN: "A rational approach to maximize success rate in target discovery", ARCHIV DER PHARMAZIE, vol. 337, no. 12, 1 December 2004 (2004-12-01), Weinheim, pages 625-633, XP002553686, DOI: doi:10.1002/ardp.200400913

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