




Autoantibodies in central neuropathies (narcolepsy)

Narcolepsy

home

Literature

- Diagnostic marker with pathogenetic significance
 - Diagnostic marker for indicated disease
 - Colored circles indicate markers for primary screening
 - Indicative autoantibody
 - Occasionally associated autoantibodies with marker function for other diseases
 - Autoantibodies, which may be found randomly associated but without disease specificity and without any diagnostic significance for the disease mentioned.
- ▶ Cited **literature** is marked with **red** numbers and linked with the authors given at the end of the document. By clicking the hand symbol () one returns to the top of the table.
- ▶ **Autoantibodies** cited in the following tables are linked with their respective descriptions.
- ▶ The indicated values of **sensitivity** and **specificity** crucially depend on the respective test methods, on genetic and ethno-geographical variables and on the selection of tested patient and control populations, which is reflected by the considerable variations of the indicated data. Therefore the given figures may be regarded as an approximate guide for the selection of adequate tests for a given clinical situation. For this reason also qualitative estimates such as “low”, “medium” or “high” were used.

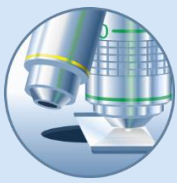


Autoantibodies in central neuropathies (narcolepsy)



Narcolepsy			
Autoantibodies	Sens [%]	Spec [%]	Disease associations
● Tribbles homolog 2 (TRIB2)	15 - 30	high	narcolepsy, cataplexy 1, 2, 4
● Hypocretin (hcrt)	< 2	low	narcolepsy, cataplexy 3
● Hypocretin receptor (hcrtr1, hcrtr2)	< 3	low	narcolepsy, cataplexy 3

[Index of diseases](#) [Abbreviations](#)



Autoantibodies in central neuropathies (narcolepsy)




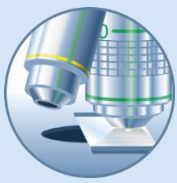
Abbreviations

Sens	Sensitivity
Spez	Specificity

Diseases

--	--

 [Index of diseases](#)



Autoantibodies in central neuropathies (narcolepsy))

Narcolepsy

- 1 Cvetkovic-Lopes V, Bayer L, Dorsaz S, Maret S, Pradervand S, Dauvilliers Y, Lecendreux M, Lammers GJ, Donjacour CE, Du Pasquier RA, Pfister C, Petit B, Hor H, Mühlethaler M, Tafti M: Elevated Tribbles homolog 2-specific antibody levels in narcolepsy patients. *J Clin Invest* (2010); 120(3): 713 - 719 (PMID: [20160349](#)).
- 2 Kawashima M, Lin L, Tanaka S, Jennum P, Knudsen S, Nevsimalova S, Plazzi G, Mignot E: Anti-Tribbles homolog 2 (TRIB2) autoantibodies in narcolepsy are associated with recent onset of cataplexy. *Sleep* (2010); 33(7): 869 - 874 (PMID: [20614846](#)).
- 3 Tanaka S, Honda Y, Inoue Y, Honda M: Detection of autoantibodies against hypocretin, hcrt1, and hcrt2 in narcolepsy: anti-Hcrt system antibody in narcolepsy. *Sleep* (2006); 29(5): 633 - 638 (PMID: [16774153](#)).
- 4 Toyoda H, Tanaka S, Miyagawa T, Honda Y, Tokunaga K, Honda M: Anti-Tribbles homolog 2 autoantibodies in Japanese patients with narcolepsy. *Sleep* (2010); 33(7): 875 - 878 (PMID: [20614847](#)).