



Anti-SOX10 autoantibodies

Indications ▶ Autoimmune polyglandular syndrome 1 (APS-1), vitiligo.

see also ▶ Autoantibodies in autoimmune polyglandular syndromes
▶ Autoantibodies in vitiligo

Prevalence Predominant in vitiligo associated with autoimmune polyglandular syndromes

Table 1 Disease associations of anti-SOX10

Disease	anti-SOX10	Authors
Autoimmune polyglandular syndrome type 1 (APS-1)	n = 91 22 %	Hedstrand et al. 2001
APS-1 associated with vitiligo	n = 19 63 %	
APS-1 not associated with vitiligo	n = 72 11 %	
Vitiligo	n = 93 3 %	
Healthy subjects (blood donors)	n = 65 0 %	

Test methods Radioimmunoprecipitation assay (RIPA), Western blotting

Literature Hedstrand H, Ekwall O, Olsson MJ, Landgren E, Kemp EH, Weetman AP, Perheentupa J, Husebye E, Gustafsson J, Betterle C, Kämpe O, Rorsman F: The transcription factors SOX9 and SOX10 are vitiligo autoantigens in autoimmune polyendocrine syndrome type I. *J Biol Chem* (2001); 276(38): 35.390 - 35.395 (PMID: [11423552](#)).