



## Anti-TDRD6 autoantibodies

- Acronym** TDRD6 (Tudor domain containing protein 6)
- Synonyms** Antigen NY-CO-45, Cancer/testis antigen 41.2 (CT41.2)
- Gene** *TDRD6*
- Indications** ▶ Autoimmune polyendocrine syndrome (APS-1), Somatotropin (GH-) -deficiency
- see also** ▶ [Autoantibodies in pituitary diseases](#)

### Prevalence

**Table 1**

Diseases		Authors
Autoimmune polyendocrine syndrome (APS-1)	49 %	Bensing et al. 2007
APS-1 associated to GH-deficiency	33 % *	
Morbus Addison	0 %	
Lymphocytic hypophysitis	0 %	
Systemic lupus erythematoses	0 %	
Healthy controls	0 %	
* two of six patients		

**Test methods** RIPA

**Literature** De Bellis A, Pane E, Bellastella G, Sinisi AA, Colella C, Giordano R, Giavoli C, Lania A, Ambrosio MR, Di Somma C, Zatelli MC, Arvat E, Colao A, Bizzarro A, Bellastella A; Italian Autoimmune Hypophysitis Network Study: Detection of antipituitary and antihypothalamus antibodies to investigate the role of pituitary or hypothalamic autoimmunity in patients with selective idiopathic hypopituitarism. Clin Endocrinol (2011); 75(3): 361 - 366 (PMID: [21521324](#)).