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(54) Title: NOVEL ANTIBODIES AND THEIR USES IN THERAPEUTIC AND DIAGNOSTIC METHODS

(57) Abstract: Polyclonal and monoclonal antibodies which specifically recognize the KTPAF50 protein, and compositions comprising thereof are provided. Also provided are uses of the KTPAF50-specific antibodies, in the diagnosis and therapeutic of conditions such as cancer, autoimmune diseases, graft rejection, neurodegenerative diseases and diabetes.