

AbstractNovel Protein

5 A purified antigen of T. gondii having a molecular weight of
54-kDa (as determined by Western blotting) is provided which
is reactive with antibodies raised against a recombinant
protein obtained by expression of a defined T. gondii cDNA
(Figure 2) in a host cell; also provided are immunogenic
10 fragments of the 54-kDa antigen. Recombinant DNA encoding
the 54-kDa antigen, host cells for expression of such DNA, a
vaccine for treating or preventing toxoplasmosis infection
in humans and animals, and test kits for detection of
T. gondii antigen or antibody are also described.

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