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(54) Title: NOVEL ANTI-A2AP ANTIBODIES AND USES THEREOF

(57) Abstract: The present invention relates to an isolated antibody or antigen-binding fragment thereof that binds to human A2AP. The isolated antibody or antigen-binding fragment according to the present invention i) cross-reacts with rabbit and/or cynomolgus A2AP, ii) does not inhibit human plasmin activity, and iii) increases plasmin mediated clot lysis in the presence of A2AP.

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