

[ABSTRACT]

The present invention relates to an antibody specifically binding to a pancreatic adenocarcinoma upregulated factor (PAUF) protein and use thereof.

The antibody of the present invention binds to a PAUF protein with high specificity and affinity and thereby inhibits the proliferation, migration, invasion, and *in vivo* growth, and thus the antibody of the present invention can be effectively used in the field of diagnosis and treatment of diseases such as cancer in which PAUF proteins are overexpressed.