

## **ABSTRACT**

### **NOVEL POLYPEPTIDE, POLYPEPTIDE DERIVATIVE AND USE THEREOF**

Disclosed are a novel polypeptide, a polypeptide derivative and the use thereof, which belong to the technical field of biomedicine. The present application specifically relates to a specific sequence, a discovery process, specific types of tumors to be resisted, a long-acting modification method and the use of the novel polypeptide, wherein the tumors include one or more of glioma, neuroblastoma, head and neck cancer, esophageal cancer, thyroid cancer, lung cancer, liver cancer, kidney cancer, breast cancer, cervical cancer, uterine cancer, ovarian cancer, colon cancer, small intestine cancer, ileocecal cancer, gastric cancer, bladder cancer, pancreatic cancer, prostate cancer, cholangiocarcinoma, melanoma, sarcoma, myeloma, lymphoma and leukemia; and the specific use comprises the inhibition of the proliferation and/or metastasis of the above-mentioned tumor cells. The novel polypeptide has a wide therapeutic spectrum and important therapeutic value against various tumors.

Figure 1