

STRONG CHILDREN'S RESEARCH CENTER

Title : Targeting the HE4-Sept2 interaction to develop novel drugs for gynecologic cancers

Background: Human epididymis protein 4 (HE4) is a secreted protein that may be implicated in various biological functions relating to cancer. Recent immunoprecipitation and mass spectroscopy analyses indicate that Septin 2 (Sept2), a cytoskeletal binding protein, interacts with HE4. Septins are also involved in cell proliferation, angiogenesis, and resistance to microtubule