

SPATA19 RABBIT PAB

Cat.#: S216866

Product Name: Anti-SPATA19 Rabbit Polyclonal Antibody

Synonyms: CT132; SPAS1; spergen1

UNIPROT ID: Q7Z5L4 (Gene Accession - BC058039)

Background: SPATA19(spermatogenesis associated 19), also known as spergen1 (spermatogenic cell-specific gene 1 protein), CT132 or SPAS1, is a 167 amino acid mitochondrial outer membrane protein suggested to function in spermiogenesis. Expressed specifically in testis, SPATA19 is encoded by a gene that maps to human chromosome 11, which comprises approximately 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxiatelangiectasia. The blood disorders Sickle cell anemia and thalassemia are caused by HBB gene mutations, while Wilms? tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11-encoded genes.

Immunogen: Fusion protein of human SPATA19

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

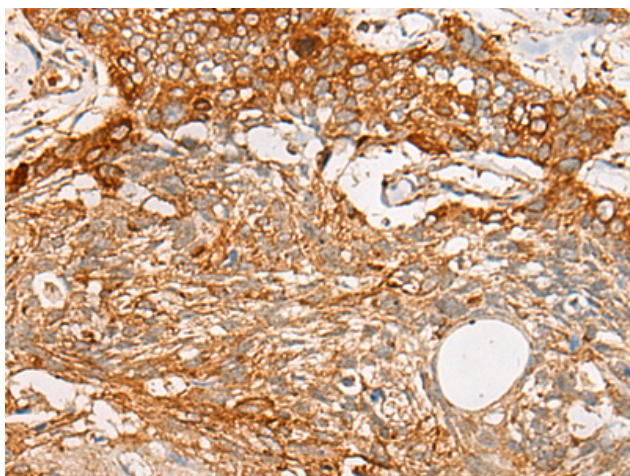
Purification: Antigen affinity purification

Species Reactivity: Human

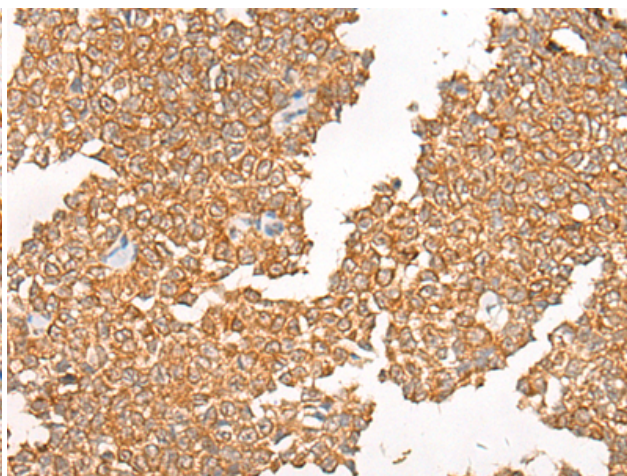
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human esophagus cancer tissue using 216866(SPATA19 Antibody) at a dilution of 1/20(Mitochondrion outer membrane).



Immunohistochemistry analysis of paraffin-embedded Human ovarian cancer tissue using 216866(Anti-SPATA19 Antibody) at a dilution of 1/20.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
