

Anti-Human/Mouse/Rat SPATA16 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA07938

3th Edition

Description: This gene encodes a testis-specific protein that belongs to the tetratricopeptide repeat-like superfamily. The encoded protein localizes to the Golgi apparatus and may play a role in spermatogenesis. The SPATA16 protein contains a region of homology to the mouse male enhanced antigen-2, a SCOP domain belonging to the tetratricopeptide repeat-like superfamily, 3 glycosylation sites, and several phosphorylation sites. The mouse and human proteins share 77% sequence identity. Northern blot analysis of multiple human tissues detected a strong signal in testis and weak expression in pancreas and kidney. Laser confocal microscopy localized a GFP-SPATA16 fusion protein specifically to the Golgi apparatus.

Antigen: Recombinant protein of human SPATA16

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in testis.