
CRISP2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254330

Unit: 0.1 mg

Description:

The cysteine-rich secretory proteins (CRISP) family is a group of four proteins that are strongly expressed in the male reproductive tract and have been implicated in having roles in male fertility. CRISP2, also known as TPX1, has been implicated in the adhesion between spermatids and Sertoli cells, and with CRISP1, is thought to be involved in sperm-egg fusion. CRISP2 has been shown to regulate the Ca²⁺ influx through ryanodine receptors (RYR) and may influence the acrosome reaction or sperm motility. CRISP2 has also been shown to bind to the mitogen-activated protein kinase kinase kinase 11 (MAP3K11) and localizes to the developing acrosome, suggesting this CRISP2-MAP3K11 complex may have a role in acrosome development.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: CRISP2; Cysteine-rich secretory protein 2; CRISP-2; CT36; TPX1; TSP1; GAPDL5

Accession No.: NP_001135880

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human CRISP2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.