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# Product datasheet for TA319725

## CRISP2 Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IF, IHC, WB |
| **Recommended Dilution:** | WB: 0.5 - 1 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL |
| **Reactivity:** | Human |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | CRISP2 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human CRISP2. |
| **Formulation:** | CRISP2 Antibody is supplied in PBS containing 0.02% sodium azide. |
| **Concentration:** | 1ug/ul |
| **Purification:** | CRISP2 Antibody is affinity chromatography purified via peptide column. |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Gene Name:** | cysteine rich secretory protein 2 |
| **Database Link:** | NP_001135880<br>Entrez Gene 7180 Human<br>P16562 |
| **Background:** | CRISP2 Antibody: 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. |

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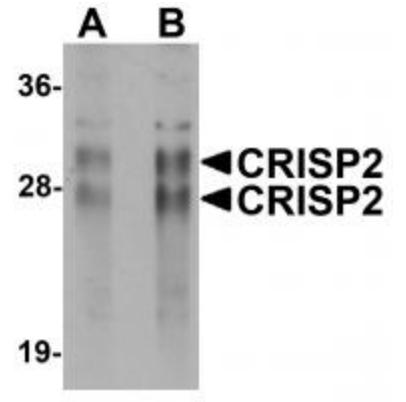
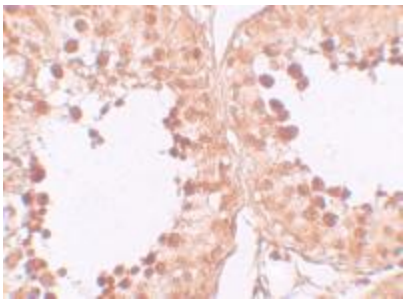
**Synonyms:** CRISP-2; CT36; GAPDL5; TPX1; TSP1

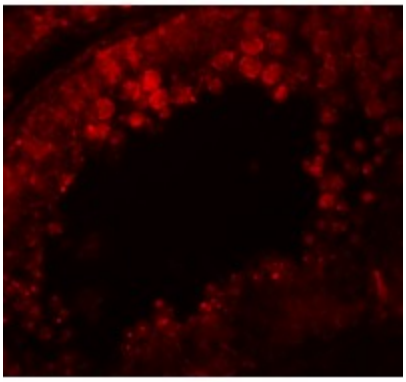
## Product images:




Western blot analysis of CRISP2 in human testis tissue lysate with CRISP2 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of CRISP2 in human testis tissue with CRISP2 antibody at 10 ug/mL.



Immunofluorescence of CRISP in human testis tissue with CRISP antibody at 20 ug/mL.