

Rabbit anti-Human CRISP2 Polyclonal Antibody | anti-CRISP2 antibody

CRISP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39419	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

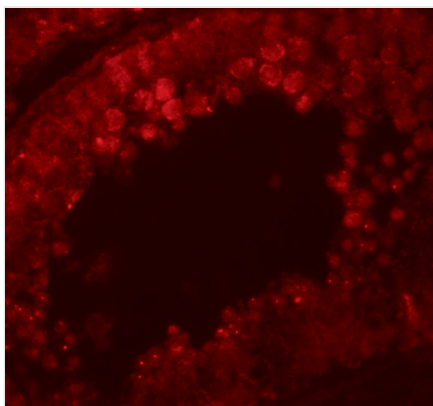
PRODUCT SYNONYMS

CRISP2; Polyclonal Antibody; CRISP2 Antibody; CT36; TPX1; TSP1; GAPDL5; CRISP-2; Cysteine-rich secretory protein 2; Testis-specific protein TPX-1; cysteine-rich secretory protein 2; anti-CRISP2 antibody

PRODUCT SPECIFICATIONS

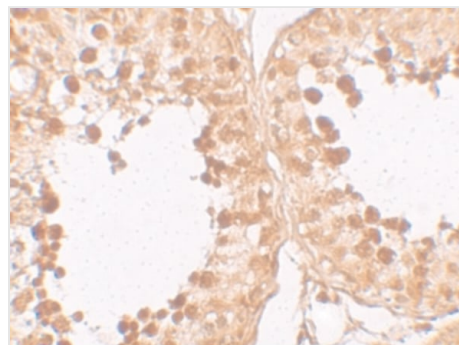
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	CRISP2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	243
Applicable Applications for anti-CRISP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CRISP2 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human CRISP2.
Buffer	CRISP2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CRISP2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



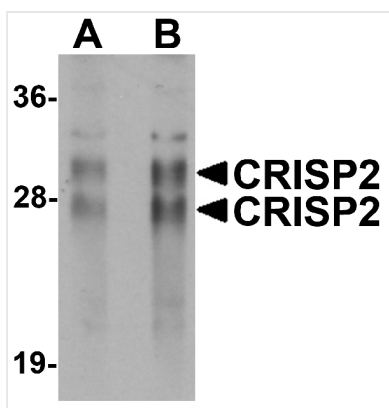
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-CRISP2 antibody

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 (RYP) 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	215422434
NCBI GeneID	7180
NCBI Accession #	NP_001135880
NCBI GenBank Nucleotide #	NM_001142408.2
UniProt Accession #	P16562; Q53FF2; Q5U8Z9; Q7Z7B2; A8K8M0
Molecular Weight	31,581 Da
NCBI Official Full Name	cysteine-rich secretory protein 2
NCBI Official Synonym Full Names	cysteine-rich secretory protein 2
NCBI Official Symbol	CRISP2
NCBI Official Synonym Symbols	CT36; TPX1; TSP1; GAPDL5; CRISP-2
NCBI Protein Information	cysteine-rich secretory protein 2; cancer/testis antigen 36; testis-specific protein TPX-1; testis specific protein 1 (probe H4-1 p3-1); glyceraldehyde-3-phosphate dehydrogenase-like 5
UniProt Protein Name	Cysteine-rich secretory protein 2
UniProt Gene Name	CRISP2
UniProt Synonym Gene Names	GAPDL5; TPX1; CRISP-2; CT36
UniProt Entry Name	CRIS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.