

Datasheet for ABIN6991388
anti-CRISP2 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	CRISP2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRISP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	CRISP2 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human CRISP2. The immunogen is located within the first 50 amino acids of CRISP2.
Isotype:	IgG
Purification:	CRISP2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CRISP2
Alternative Name:	CRISP2 (CRISP2 Products)
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

Target Details

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.

Gene ID:	7180
NCBI Accession:	NP_001135880
UniProt:	P16562

Application Details

Application Notes:	CRISP2 antibody can be used for detection of CRISP2 by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	CRISP2 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	CRISP2 antibody can be stored at 4°C for three months and -20°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.