

Product datasheet for **TA357128**

CRISP1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Human, Mouse, Rat Homology: Human: 100%; Mouse: 77%; Rat: 77%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	27kDa
Gene Name:	cysteine rich secretory protein 1
Database Link:	NP_001122 Entrez Gene 167 Human P54107



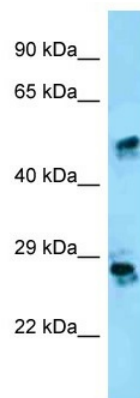
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Background:

Fertilization consists of a sequence of specific cell-cell interactions culminating in the fusion of the sperm and egg plasma membranes. Recognition, binding, and fusion occur through the interaction of complementary molecules that are localized to specific domains of the sperm and egg plasma membranes. In the sperm, the postacrosomal region or equatorial segment is involved in sperm-egg plasma membrane fusion. CRISP1 is a member of the cysteine-rich secretory protein (CRISP) family. It is expressed in the epididymis, is secreted into the epididymal lumen, and binds to the postacrosomal region of the sperm head where it plays a role at fertilization in sperm-egg fusion through complementary sites localized on the egg surface.

Synonyms:

AEGL1; ARP; CRISP-1; HSCRISP1D; HSCRISP1G; HUMARP; OTTHUMP00000016592

Product images:

WB Suggested Anti-CRISP1 Antibody

Titration: 1.0 ug/ml

Positive Control: HepG2 Whole Cell
CRISP1 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells