

## Rabbit Anti-SPEF1/AF350 Conjugated antibody

SL17651R-AF350

<b>Product Name</b>	Anti-SPEF1/AF350
<b>Chinese Name</b>	AF350 标记的精子鞭毛蛋白 1 抗体
<b>Alias</b>	C20orf28; Calponin homology and microtubule associated protein; CLAMP; SPEF1A; Sperm flagellar 1; Sperm flagellar protein 1.
<b>Research Area</b>	Cell biology immunology Developmental biology
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse,Rat(predicted:Human,Pig,Cow,Rabbit,Sheep) IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	27kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human SPEF1
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Product Detail</b>	<b>background:</b> CLAMP is a 236 amino acid protein that is present in epididymal sperm and localizes to the cell projection, as well as to the cytoplasm. Expressed in lung, brain and testis, CLAMP functions as a microtubule-associated protein that is thought to play a role in microtubule bundling. Human CLAMP exists as two alternatively spliced isoforms and shares a high degree of homology with its

mouse counterpart, suggesting a conserved role between species. The gene encoding CLAMP maps to human chromosome 20, which houses over 600 genes and comprises nearly 2% of the human genome.

**Subcellular Location:**

Cytoplasm. Cell projection; cilium; flagellum. Cytoplasm; cytoskeleton; cilium axoneme. Note: Present in the tails of developing and epididymal sperm, internal to the fibrous sheath and around the outer dense fibers of the sperm flagellum. Also found at the apical tip of cilia.

**Database links:**

[Entrez Gene: 25876](#) Human

[Omim: 610674](#) Human

[SwissProt: Q9Y4P9](#) Human

[Unigene: 72620](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.