



## Rabbit Anti-phospho-inaD (Thr666) antibody

SL16639R

<b>Product Name:</b>	phospho-inaD (Thr666)
<b>Chinese Name:</b>	磷酸化inaD蛋白抗体
<b>Alias:</b>	inaD (phospho T666); p-inaD (phospho T666); Inactivation-no-after-potential D protein; inaD; INAD DROME.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Fire fly, <i>Drosophila melanogaster</i>
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	74kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthesised phosphopeptide derived from Fruitfly inaD around the phosphorylation site of Thr666:KP(p-T)LR
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Involved in the negative feedback regulation of the light-activated signaling cascade in photoreceptors through a calcium-mediated process. Interacts with tetrapeptide ligand located in C-terminal sequence of 3 key components of the visual cascade, tethering them and forming a macromolecular signaling phototransduction complex.

**Function:**

Involved in the negative feedback regulation of the light-activated signaling cascade in photoreceptors through a calcium-mediated process. Interacts with tetrapeptide ligand located in C-terminal sequence of 3 key components of the visual cascade, tethering them and forming a macromolecular signaling phototransduction complex.

**Subcellular Location:**

Cell membrane.

**Tissue Specificity:**

Expressed in rhabdomeres of the compound eyes and ocelli.

**Post-translational modifications:**

Phosphorylated by inaC.

**Similarity:**

Contains 5 PDZ (DHR) domains.

**SWISS:**

Q24008

**Gene ID:**

37629

**Database links:**

[Entrez Gene: 37629](#) Fruit fly (*Drosophila melanogaster*)

[SwissProt: Q24008](#) Fruit fly (*Drosophila melanogaster*)

[Unigene: 2964](#) Fruit fly (*Drosophila melanogaster*)

**Important Note:**

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