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Rabbit Anti-inaD antibody

SL16632R

Product Name:	inaD
Chinese Name:	inaD蛋白抗体
Alias:	Inactivation-no-after-potential D protein; inaD; INAD_DROME.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Firefly,Drosophila melanogaster
Applications:	WB=1:500-2000ELISA=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.
Molecular weight:	74kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Fruit fly inaD:301-400/674
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	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.

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.