

蛋白激酶锚定蛋白抗体

产品货号： mlR0268

英文名称： Neurobeachin

中文名称： 蛋白激酶锚定蛋白抗体

别名： A-kinase anchor protein 550; d AKAP 550; Neurobeachin protein; Rugose protein; AKAP550; NBEA_DROME.

研究领域： 肿瘤 细胞生物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Fruit Fly,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 395kDa

细胞定位： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from Fruit fly Neurobeachin:51-150/3548

亚型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： 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

产品介绍： Neurobeachin binds to type II regulatory subunits of protein kinase A and anchors/targets them to the membrane. It may anchor the kinase to cytoskeletal and/or organelle-associated proteins. Neurobeachin, is also a neuron-specific multidomain protein of 327 kDa with a high-affinity binding site for the type II regulatory subunit of protein kinase A. Neurobeachin is peripherally associated with pleomorphic tubulovesicular endomembranes near the trans sides of Golgi stacks and throughout the cell body and cell processes. It is also found in a subpopulation of synapses, where it is concentrated at the postsynaptic plasma membrane.

Function:

Binds to type II regulatory subunits of protein kinase A and anchors/targets them to the membrane. May anchor the kinase to cytoskeletal and/or organelle-associated proteins. Required for correct retinal pattern formation and may function in cell fate determination through its interactions with the EGFR and Notch signaling pathways.

Subunit:

Interacts with RII subunit of PKA and components of the EGFR-mediated and Notch-mediated signaling pathways.

Subcellular Location:

Cytoplasm. Membrane; Peripheral membrane protein.

Tissue Specificity:

In early embryos, ubiquitous expression with elevated levels in ventral furrow and flanking mesectodermal cells, neuroblasts and mesoderm. Late embryos show reduced expression in epidermis and skeletal muscle and elevated in nervous system, gut endothelium, tracheal system and salivary gland. Larvae show expression in imaginal disks and many neural cells. Developing eye imaginal disk shows expression throughout the disk and in the region of the morphogenetic furrow. Ubiquitous expression in adults with higher levels in head region.

Similarity:

Belongs to the WD repeat neurobeachin family.

Contains 1 BEACH domain.

Contains 5 WD repeats.

SWISS:

N/A

Gene ID:

N/A

Important Note:

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