ARG64081
anti-Neurobeachin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Neurobeachin
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Dog
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise isoform 1 (NP_056493.3) and isoform 2 (NP_001191126.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Neurobeachin
Species	Human
Immunogen	C-DFNRWHYEHQNRY
Conjugation	Un-conjugated
Alternate Names	Protein BCL8B; Lysosomal-trafficking regulator 2; Neurobeachin; BCL8B; LYST2

Application Instructions

Application table

Application	Dilution
IHC-P	5 - 10 µg/ml
WB	1 µg/ml

Application Note: IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

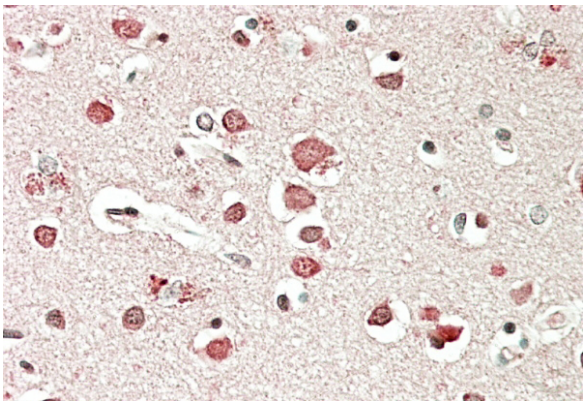
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

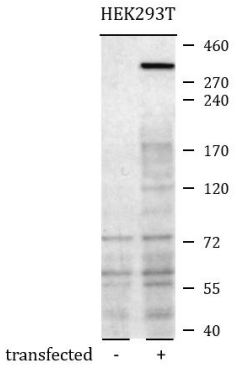
Database links	GeneID: 26422 Mouse GeneID: 26960 Human Swiss-port # Q8NFP9 Human Swiss-port # Q9EPN1 Mouse
Background	This gene encodes a member of a large, diverse group of A-kinase anchor proteins that target the activity of protein kinase A to specific subcellular sites by binding to its type II regulatory subunits. Brain-specific expression and coat protein-like membrane recruitment of a highly similar protein in mouse suggest an involvement in neuronal post-Golgi membrane traffic. Mutations in this gene may be associated with a form of autism. This gene and its expression are frequently disrupted in patients with multiple myeloma. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants may exist, but their full-length nature has not been determined.[provided by RefSeq, Feb 2011]
Research Area	Signaling Transduction antibody
Calculated Mw	328 kDa

Images



ARG64081 anti-Neurobeachin antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Cerebral Cortex. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64081 anti-Neurobeachin antibody at 5 µg/ml dilution followed by AP-staining.



ARG64081 anti-Neurobeachin antibody WB image

Western blot: HEK293T cells untransfected (left) or transfected with Mouse NBEA (right). Cell lysates were stained with ARG64081 anti-Neurobeachin antibody at 1 µg/ml dilution.