

Product datasheet

Anti-Neurogranin antibody ab125316

1 Image

Overview

| | |
|----------------------------|---|
| Product name | Anti-Neurogranin antibody |
| Description | Rabbit polyclonal to Neurogranin |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Rat Predicted to work with: Mouse, Rabbit, Goat, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Human |
| Immunogen | Synthetic peptide corresponding to a region within N terminal amino acids 6-55 (ESACSKPDDDILDIPDDPGANAAAAKIQASFRGHMARKKIKSGECGRKG) of Rat Neurogranin (NP_077054). Run BLAST with Run BLAST with |
| Positive control | Rat brain lysate |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Constituents: 97% PBS, 2% Sucrose |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab125316** in the following tested applications.

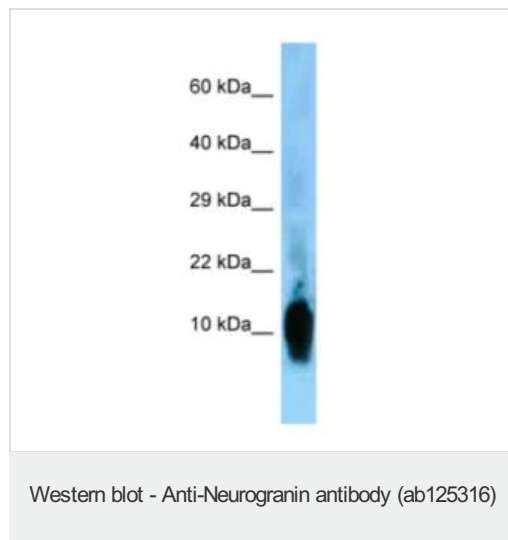
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | Use a concentration of 1 µg/ml. Predicted molecular weight: 8 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T. |

Target

| | |
|------------------------------|--|
| Function | Acts as a "third messenger" substrate of protein kinase C-mediated molecular cascades during synaptic development and remodeling. Binds to calmodulin in the absence of calcium. |
| Tissue specificity | In the cerebral cortex, found in the cell bodies of neurons in layers II-VI, and in apical and basal dendrites of pyramidal neurons. Is not found in the dendrites in patients with Alzheimer disease. |
| Sequence similarities | Belongs to the neurogranin family. Contains 1 collagen-like domain. Contains 1 IQ domain. |

Images



Anti-Neurogranin antibody (ab125316) at 1 μ g/ml + Rat brain lysate at 10 μ g

Predicted band size : 8 kDa

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