


Product datasheet

Anti-Neuronal calcium-binding protein antibody ab102569

1 Image

Overview

Product name	Anti-Neuronal calcium-binding protein antibody
Description	Rabbit polyclonal to Neuronal calcium-binding protein
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Rat, Cat, Dog, Pig, Saccharomyces cerevisiae 
Immunogen	Synthetic peptide, corresponding to a region within N terminal amino acids 1-50 (MACAGLLTVC LLRPPAPQPQ PQTPRHPQLA PDPGPAGHTL FQDVFRRADK) of Human Neuronal calcium-binding protein (NP_112509). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Human fetal 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	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab102569** in the following tested applications.

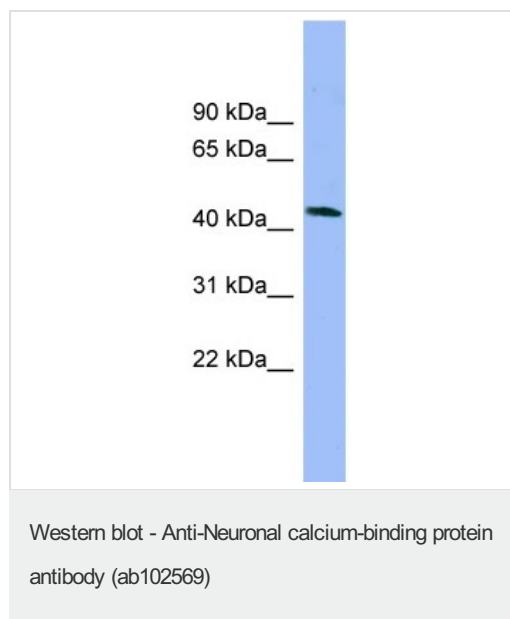
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 44 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	Inhibits the interaction of APBA2 with beta-amyloid precursor protein (APP), and hence allows formation of beta-amyloid.
Tissue specificity	Strongly expressed in heart and skeletal muscle, moderately in brain and pancreas.
Sequence similarities	Contains 1 ABM domain. Contains 1 EF-hand domain.
Post-translational modifications	Phosphorylated by NEK2.
Cellular localization	Golgi apparatus.

Images



Anti-Neuronal calcium-binding protein antibody (ab102569) at 1 µg/ml + Human fetal brain at 10 µg

Predicted band size: 44 kDa

Gel concentration: 12%

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