


## Product datasheet

# Anti-Neuronal calcium-binding protein antibody ab102569

1 Image

### Overview

<b>Product name</b>	Anti-Neuronal calcium-binding protein antibody
<b>Description</b>	Rabbit polyclonal to Neuronal calcium-binding protein
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rat, Cat, Dog, Pig, Saccharomyces cerevisiae 
<b>Immunogen</b>	Synthetic peptide, corresponding to a region within N terminal amino acids 1-50 (MACAGLLTVC LLRPPAPQPQ PQTPRHPQLA PDPGPAGHTL FQDVFERRADK) of Human Neuronal calcium-binding protein (NP_112509). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Human fetal brain lysate

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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

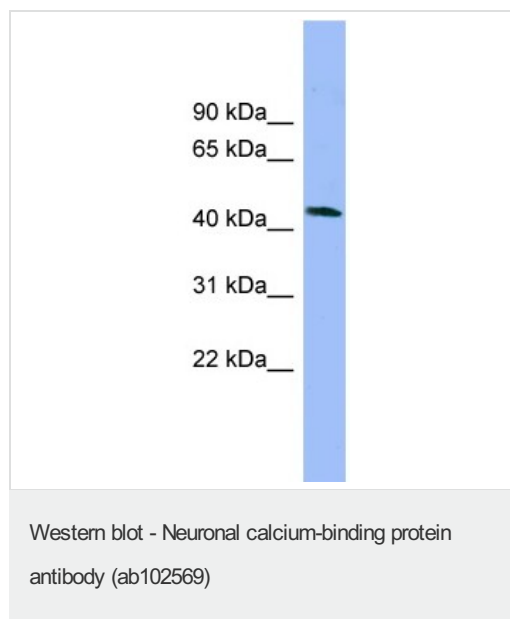
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

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