




## Product datasheet

# Anti-Neurobeachin antibody ab58563

★★★★★ 1 Abreviews

### Overview

<b>Product name</b>	Anti-Neurobeachin antibody
<b>Description</b>	Goat polyclonal to Neurobeachin
<b>Host species</b>	Goat
<b>Specificity</b>	This antibody is expected to recognise isoform 1 (NP_056493.3) and isoform 2 (NP_001191126.1).
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cow, Dog, Pufferfish, Zebrafish 
<b>Immunogen</b>	Synthetic peptide: C-DFNRWHYEHQNRV , corresponding to C terminal amino acids 2934-2946 of Human Neurobeachin  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab58563 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
IHC-P		Use a concentration of 5 - 10 µg/ml.

## Target

<b>Function</b>	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.
<b>Tissue specificity</b>	Predominant in many brain structures. Also expressed at medium levels in spleen, thymus, prostate, testis and ovary. Low level expression is seen in heart, kidney, pancreas, skeletal muscle and intestine.
<b>Sequence similarities</b>	Belongs to the WD repeat neurobeachin family. Contains 1 BEACH domain. Contains 5 WD repeats.
<b>Domain</b>	RII-alpha binding site, predicted to form an amphipathic helix, could participate in protein-protein interactions with a complementary surface on the R-subunit dimer.
<b>Cellular localization</b>	Cytoplasm. Membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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