

Product datasheet

Anti-NGDN antibody ab121124

3 Images

Overview

Product name	Anti-NGDN antibody
Description	Rabbit polyclonal to NGDN
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to amino acids 61-209 of Human NGDN (Q8NEJ9). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	NGDN transfected HEK293T lysate, Human skin tissue

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab121124** 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 at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

Application	Abreviews	Notes
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Use buffer at pH 6 for antigen retrieval.

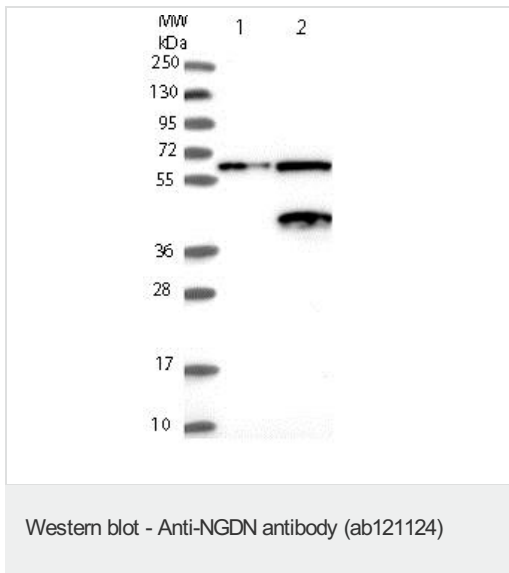
Target

Function	Involved in the translational repression of cytoplasmic polyadenylation element (CPE)-containing mRNAs.
Sequence similarities	Belongs to the SAS10 family.
Cellular localization	Nucleus. Cytoplasm. Cell projection > axon. Cell projection > dendrite. Cell projection > filopodium. Detected in axons, dendrites and filopodia. Colocalized with EIF4E in neurites.

Images



Immunofluorescent staining of human cell line U-251 MG shows positivity in nucleus, nucleoli & mitochondria.



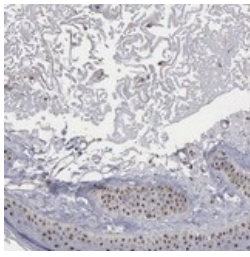
All lanes : Anti-NGDN antibody (ab121124) at 1/250 dilution

Lane 1 : vector only transfected HEK293T lysate

Lane 2 : NGDN-transfected HEK293T lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa))

Developed using the ECL technique.

10-20% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NGDN antibody (ab121124)

ab121124 at 1/350 dilution staining NGDN in Paraffin-embedded Human skin tissue by Immunohistochemistry. Note: strong nuclear positivity in epidermal cells.

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