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Datasheet for ABIN7431041

anti-Neurotrophin 4 antibody (AA 80-209)

3 Images

Overview

Quantity:	100 µL
Target:	Neurotrophin 4 (NTF4)
Binding Specificity:	AA 80-209
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurotrophin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Neurotrophin 4 (NT4)
Immunogen:	Recombinant Neurotrophin 4 (NT4) corresponding to Gly80~Ala209 (Accession # Q80VU4)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against NT4. It has been selected for its ability to recognize NT4 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Neurotrophin 4 (NTF4)
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Target Details

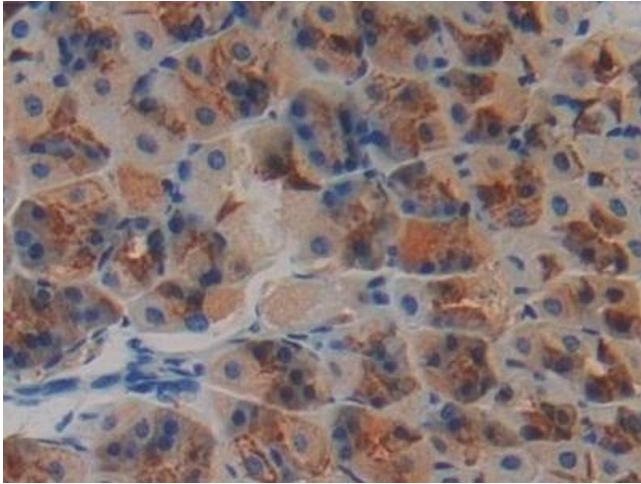
Alternative Name:	Neurotrophin 4 (NTF4 Products)
Background:	NT5, NTF4, NT-4/5, Neurotrophic Factor 4, Neurotrophin-5
Pathways:	RTK Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

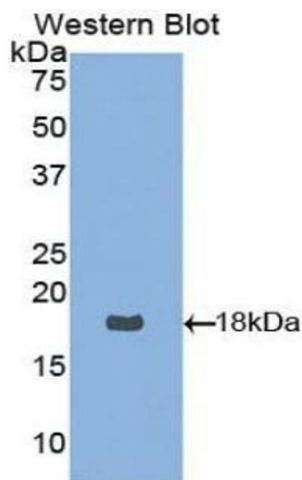
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), ProClin
Precaution of Use:	This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



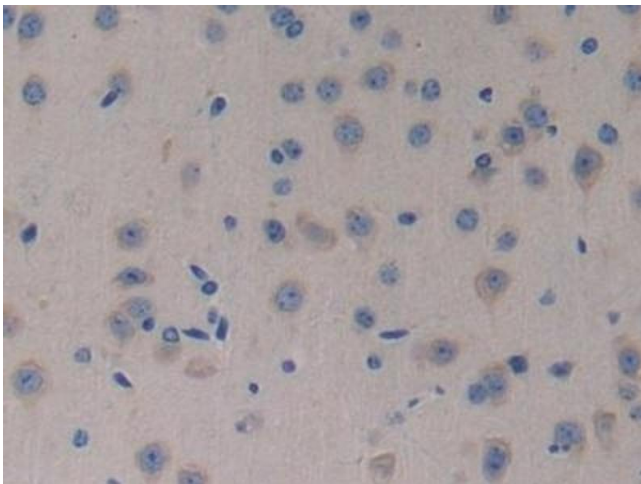
Immunohistochemistry

Image 1. Detection of NT4 in Mouse Stomach Tissue using Polyclonal Antibody to Neurotrophin 4 (NT4)



Western Blotting

Image 2. Detection of Recombinant NT4, Mouse using Polyclonal Antibody to Neurotrophin 4 (NT4)



Immunohistochemistry

Image 3. Detection of NT4 in Mouse Brain Tissue using Polyclonal Antibody to Neurotrophin 4 (NT4)