



## Datasheet for ABIN350707 anti-NGFR antibody



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### 9 Images

#### Overview

Quantity:	100 µg
Target:	NGFR
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NGFR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Nerve growth factor receptor (TNFR superfamily, member 16)
Specificity:	Specific for rat p75NTR.
Purification:	Affinity purified

#### Target Details

Target:	NGFR
Alternative Name:	p75NTR ( <a href="#">NGFR Products</a> )
Background:	<p>Function: Low affinity receptor which can bind to NGF, BDNF, NT-3, and NT-4. Can mediate cell survival as well as cell death of neural cells.</p> <p>Subunit: Homodimer, disulfide-linked. Interacts with p75NTR-associated cell death executor.</p> <p>Interacts with NGFRAP1/BEX3. Interacts with TRAF2, TRAF4, TRAF6, PTPN13 and RANBP9.</p> <p>Interacts through TRAF6 with SQSTM1 which bridges NGFR to NTRK1. Interacts with BEX1.</p>

## Target Details

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Subcellular location: Membrane, Single-pass type I membrane protein. Also known as: TNR16, low-affinity nerve growth factor receptor, NGF receptor, Gp80-LNGFR, p75 ICD, low affinity neurotrophin receptor p75NTR, Tnfrsf16, Ngfr, p75, LNGFR, RNINGFR.

Pathways: [NF-kappaB Signaling](#), [Neurotrophin Signaling Pathway](#), [Carbohydrate Homeostasis](#), [Growth Factor Binding](#)

## Application Details

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Application Notes: A working concentration of 5-15 µg/ml is recommended. This antibody is suitable for use in paraformaldehyde fixed, alcohol fixed and paraffin-embedded sections.  
The optimal working solution should be determined by the end user.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

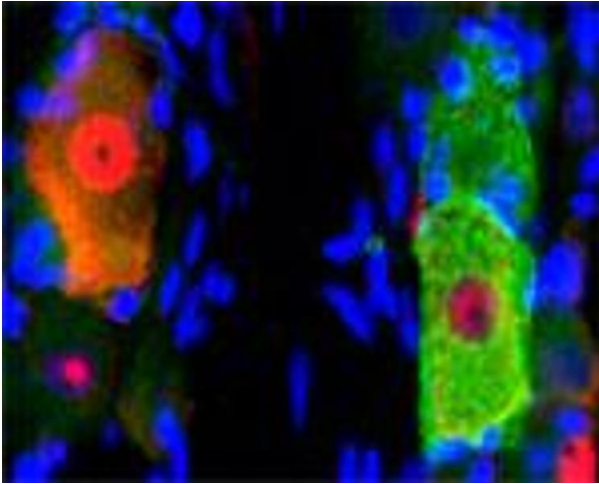
Reconstitution: Reconstitute in 100 µL of sterile water. Centrifuge to remove any insoluble material.

Handling Advice: Avoid freeze and thaw cycles.

Storage: 4 °C/-20 °C

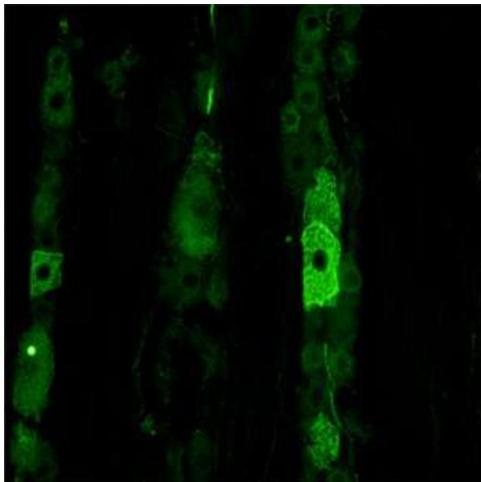
Storage Comment: Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

Expiry Date: 12 months



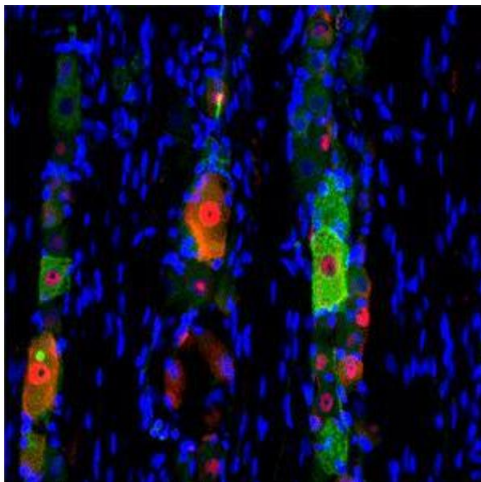
#### Immunofluorescence

**Image 1.** IF on rat trigeminal using Mouse monoclonal antibody to rat p75NTR (ABIN350707) at a concentration of 10 µg/ml, Rabbit antibody to internal part of cFos (c-fos): whole serum (ABIN350207) at 1 : 500 dilution and DAPI counterstained.



#### Immunofluorescence

**Image 2.** IF on rat trigeminal using Mouse monoclonal antibody to rat p75NTR (ABIN350707) at a concentration of 10 µg/ml.



#### Immunofluorescence

**Image 3.** IF on rat trigeminal using Mouse monoclonal antibody to rat p75NTR (ABIN350707) at a concentration of 10 µg/ml (green), Rabbit antibody to internal part of cFos (c-fos): whole serum (ABIN350207) at 1 : 500 dilution and DAPI counterstained appearing in blue.

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN350707.