

Datasheet for ABIN6242228  
**anti-NGFR antibody (C-Term)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	200 µL
Target:	NGFR
Binding Specificity:	AA 276-310, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NGFR antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This NGFR antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 276-310 amino acids from the C-terminal region of human NGFR.
Clone:	RB53297
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	NGFR
Alternative Name:	<a href="#">NGFR (NGFR Products)</a>
Background:	Plays a role in the regulation of the translocation of GLUT4 to the cell surface in adipocytes and

## Target Details

---

skeletal muscle cells in response to insulin, probably by regulating RAB31 activity, and thereby contributes to the regulation of insulin-dependent glucose uptake (By similarity). 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. Necessary for the circadian oscillation of the clock genes ARNTL/BMAL1, PER1, PER2 and NR1D1 in the suprachiasmatic nucleus (SCN) of the brain and in liver and of the genes involved in glucose and lipid metabolism in the liver.

Molecular Weight:	45183
UniProt:	<a href="#">P08138</a>
Pathways:	<a href="#">NF-kappaB Signaling</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Growth Factor Binding</a>

## Application Details

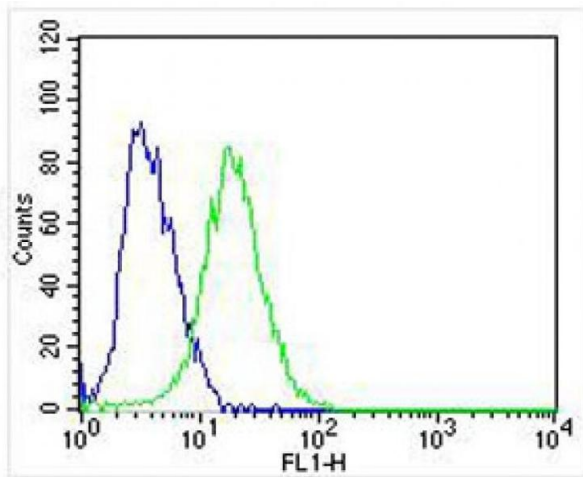
---

Application Notes:	WB: 1:2000. FC: 1:25
Restrictions:	For Research Use only

## Handling

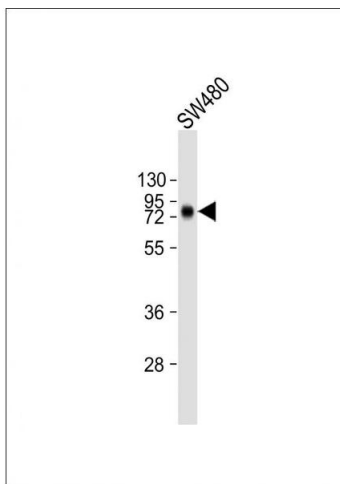
---

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** Overlay histogram showing SH-SY5Y cells stained with (ABIN6242228 and ABIN6578319) (green line). The cells were fixed with 2 % paraformaldehyde (10 min). The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6242228 and ABIN6578319), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/400 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG (1 µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.



### Western Blotting

**Image 2.** Anti-NGFR Antibody (C-term) at 1:2000 dilution + S whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.