

Datasheet for ABIN5542348  
**anti-TRKB antibody (AA 207-339)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	0.1 mg
Target:	TRKB (NTRK2)
Binding Specificity:	AA 207-339
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TRKB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Purified recombinant fragment of human NTRK2 (AA: 207-339) expressed in E. coli.
Clone:	10B6C4
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	TRKB (NTRK2)
Alternative Name:	NTRK2 ( <a href="#">NTRK2 Products</a> )
Background:	Description: This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK)

## Target Details

family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants.,  
Aliases: TRKB, trk-B, GP145-TrkB

Molecular Weight: 92 kDa

Gene ID: 4915

HGNC: 4915

Pathways: [RTK Signaling](#), [Neurotrophin Signaling Pathway](#), [cAMP Metabolic Process](#), [Skeletal Muscle Fiber Development](#), [Feeding Behaviour](#), [Dicarboxylic Acid Transport](#)

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: , FCM:

Restrictions: For Research Use only

## Handling

Format: Liquid

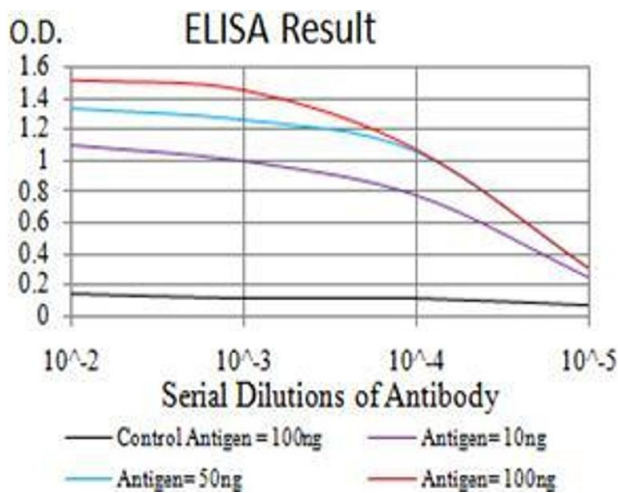
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

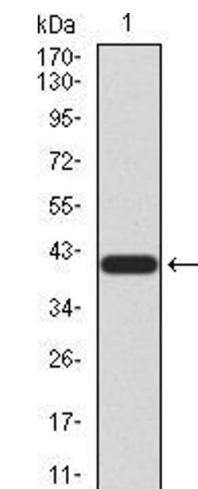
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



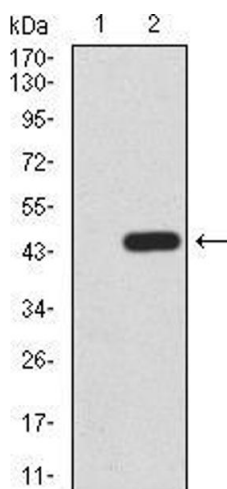
#### ELISA

**Image 1.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



#### Western Blotting

**Image 2.** Western blot analysis using NTRK2 mAb against human NTRK2 (AA: 207-339) recombinant protein. (Expected MW is 40.6 kDa)



#### Western Blotting

**Image 3.** Western blot analysis using NTRK2 mAb against HEK293 (1) and NTRK2 (AA: 207-339)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5542348.