



Datasheet for ABIN7249620  
**anti-TRKB antibody**



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Overview

Quantity:	200 µL
Target:	TRKB (NTRK2)
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRKB antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse TRKB
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

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

## Target Details

splicing results in multiple transcript variants.

UniProt: [P15209, Q63604](#)

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

## Application Details

Application Notes: IHC 1:200-1:800

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.6 mg/mL

Buffer: PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4

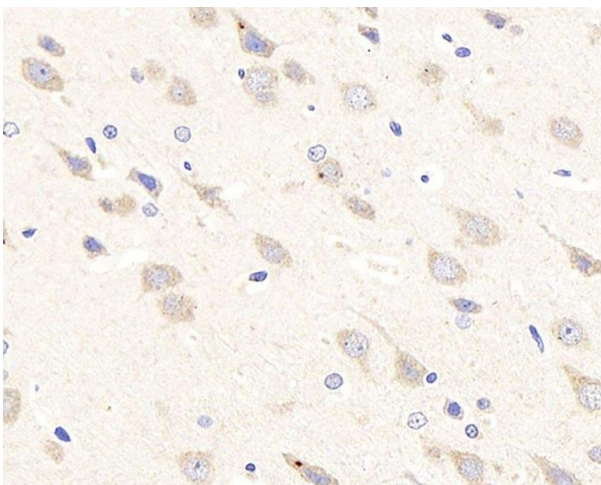
Preservative: Sodium azide

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

Storage: -20 °C

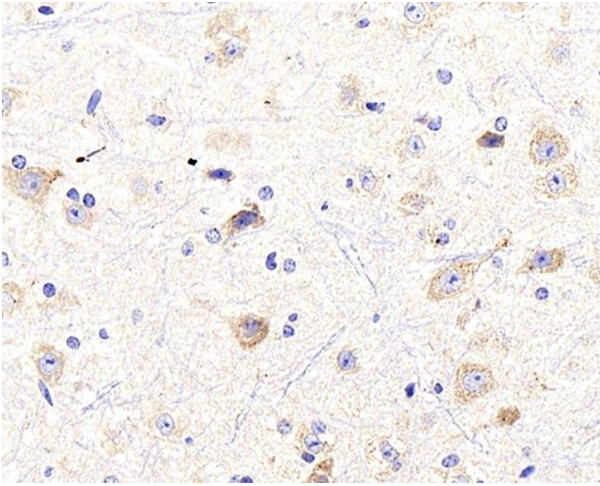
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis of paraffin-embedded rat brain using NTRK2 Polyclonal Antibody at dilution of 1:300.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry analysis of paraffin-embedded mouse spinal marrow using NTRK2 Polyclonal Antibody at dilution of 1:400.