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Datasheet for ABIN7255868 anti-TRKB antibody

3 Images



#### Overview

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

# Product Details

Immunogen:	Recombinant fusion protein of human TrkB (NP_001007098.1).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

# Target Details

Target:	TRKB (NTRK2)
Alternative Name:	TrkB (NTRK2 Products)
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

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Taryet Details	Target	Detai	ls
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	splicing results in multiple transcript variants.
Gene ID:	4915
UniProt:	Q16620
Pathways:	RTK Signaling, Neurotrophin Signaling Pathway, cAMP Metabolic Process, Skeletal Muscle
	Fiber Development, Feeding Behaviour, Dicarboxylic Acid Transport

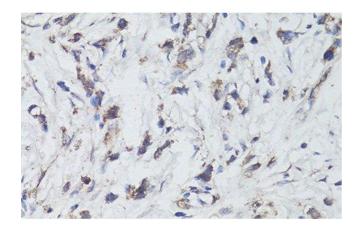
# Application Details

Application Notes:	IHC 1:50-1:200
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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.

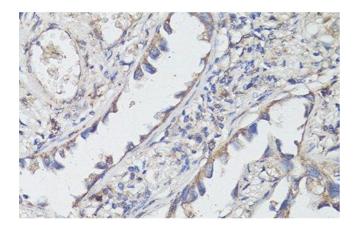
### Images



## Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human gastric cancer using TrkB Polyclonal Antibody at dilution of 1:200 (40x lens).

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#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human lung cancer using TrkB Polyclonal Antibody at dilution of 1:200 (40x lens).

#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Human placenta using TrkB Polyclonal Antibody at dilution of 1:200 (40x lens).

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