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Datasheet for ABIN969323 anti-NTRK3 antibody (AA 32-429)

2 Images

1 Publication



Overview

Quantity:	100 µL
Target:	NTRK3
Binding Specificity:	AA 32-429
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Purified recombinant extracellular fragment of human NTRK3 (aa32-429) fused with hIgGFc tag expressed in HEK293 cells.
Clone:	7H6
lsotype:	lgG1
Purification:	purified

Target Details

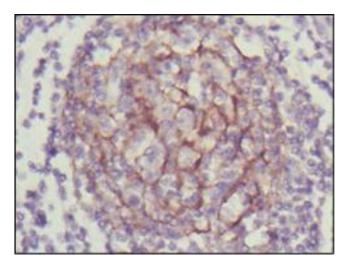
Target:	NTRK3
Alternative Name:	NTRK3 (NTRK3 Products)
Background:	Description: NTRK3 (neurotrophic tyrosine kinase, receptor, type 3), it is a member of the neurotrophic tyrosine receptor kinase (NTRK) family and plays an important role in the
	development and maintenance of neural tissues. This kinase is a membrane-bound receptor

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	that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway.
	Signalling through this kinase leads to cell differentiation and may play a role in the
	development of proprioceptive neurons that sense body position. Mutations in this gene have
	been associated with medulloblastomas, secretory breast carcinomas and other cancers.
	Aliases: TRKC, gp145(trkC)
Molecular Weight:	94 kDa
Gene ID:	4916
HGNC:	4916
Pathways:	RTK Signaling, Neurotrophin Signaling Pathway, Regulation of Cell Size
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % 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
Publications	
Product cited in:	Jan, Adolfsson, Allaman, Buccarello, Magistretti, Pfeifer, Muhs, Lashuel: "Abeta42 neurotoxicity
	is mediated by ongoing nucleated polymerization process rather than by discrete Abeta42
	species." in: The Journal of biological chemistry, Vol. 286, Issue 10, pp. 8585-96, (2011) (
	PubMed).
	Deshmukh, Salehzadeh, Metayer-Coustard, Fahlman, Nair, Al-Khalili: "Post-transcriptional gene

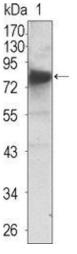
International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN969323 | 09/12/2023 | Copyright antibodies-online. All rights reserved. muscle." in: **Cellular and molecular life sciences : CMLS**, Vol. 66, Issue 8, pp. 1457-66, (2009) (PubMed).

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffinembedded human lymph node using NTRK3 mouse mAb with DAB staining.



Western Blotting

Image 2. Western blot analysis using NTRK3 mouse mAb against extracellular domain of human NTRK3 (aa32-429).

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