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Datasheet for ABIN2734330

anti-TRKB antibody

3 Images

1 Publication

Overview

Quantity:	0.1 mL
Target:	TRKB (NTRK2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TRKB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Full-length protein expressed in 293T cell transfected with human NTRK2 expression vector
Clone:	2E1
Isotype:	IgG1
Purification:	Purified from mouse ascites fluids by affinity chromatography

Target Details

Target:	TRKB (NTRK2)
Alternative Name:	NTRK2 (NTRK2 Products)
Molecular Weight:	92 kDa
Gene ID:	4915
NCBI Accession:	NM_001007097

Target Details

HGNC: 4915

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

Application Details

Application Notes: WB 1:1000, IHC 1:150, IF 1:100,

Comment: The concentration of the product may vary between different lots.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5-1.0 mg/mL

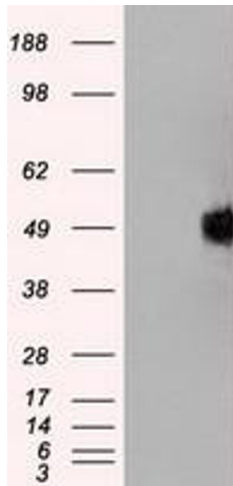
Buffer: PBS (pH 7.3) containing 1 % BSA, 50 % glycerol and 0.02 % sodium azide.

Preservative: Sodium azide

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

Publications

Product cited in: Inoue, Hur, Kihara, Teranishi, Yamamoto, Ishikawa, Wiehager, Winblad, Tjernberg, Schedin-Weiss: "Human brain proteins showing neuron-specific interactions with γ -secretase." in: **The FEBS journal**, Vol. 282, Issue 14, pp. 2587-99, (2015) ([PubMed](#)).



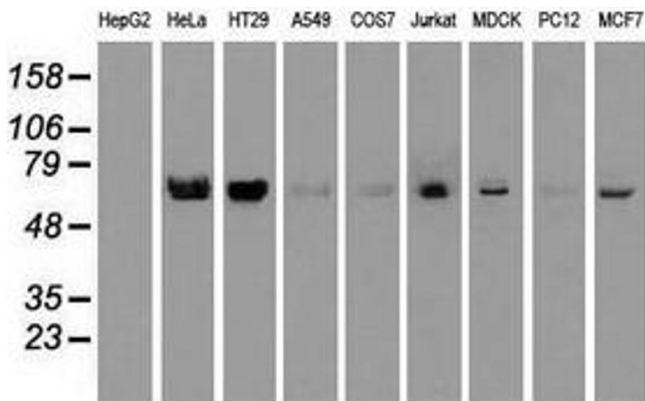
Western Blotting

Image 1. HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NTRK2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 µg per lane) were separated by SDS-PAGE and immunoblotted with anti-NTRK2.



Immunohistochemistry

Image 2. Immunohistochemical staining of paraffin-embedded lung tissue using anti-NTRK2 mouse monoclonal antibody. (ABIN2452423, Dilution 1:50)



Western Blotting

Image 3. Western blot analysis of extracts (35 µg) from 9 different cell lines by using anti-NTRK2 monoclonal antibody.