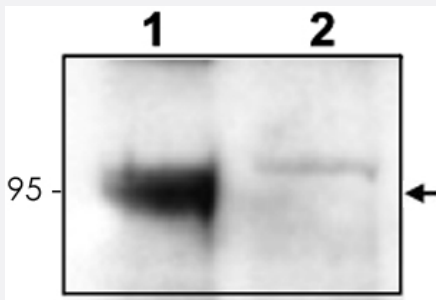


Ntrk3 polyclonal antibody

Catalog # PAB11334 Size 100 ug

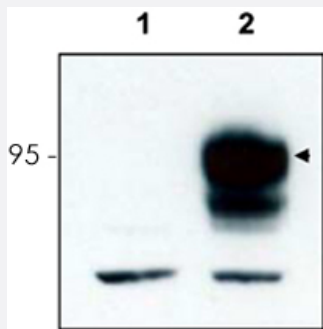
Applications



Western Blot (Tissue lysate)

Western blot using Ntrk3 polyclonal antibody (Cat # PAB11334) to detect endogenous Ntrk3 in mouse cortex lysate (Lane 1). Lane 2 is Ntrk3 knock-out cortex lysate.

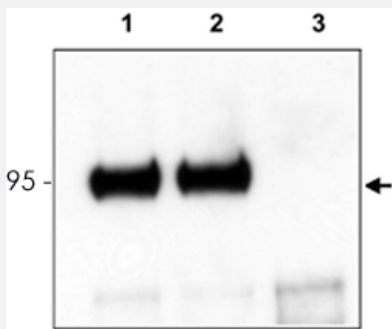
Cell extracts were resolved by electrophoresis and transferred to nitrocellulose. The membrane was probed with the primary antibody at a 1:6,000 dilution. Personal Communication, V. Coppola, CCR-NCI, Frederick, MD.



Western Blot (Transfected lysate)

Western blot using Ntrk3 polyclonal antibody (Cat # PAB11334) to detect over-expressed Ntrk3 in HEK293 cells (Lane 2, arrowhead). Lane 1 is a non-transfected control.

Cell extracts were resolved by electrophoresis and transferred to nitrocellulose. The membrane was probed with the primary antibody at a 1:3,000 dilution. Personal Communication, V. Coppola, CCR-NCI, Frederick, MD.



Immunoprecipitation

Mouse cortex lysate was immunoprecipitated with Ntrk3 polyclonal antibody (Cat # PAB11334) and further blotted with affinity purified anti-Ntrk3.

Lane 1 is wild-type cortex lysate, Lane 2 is Grasp knock-out cortex lysate, and Lane 3 is Ntrk3 knock-out cortex lysate.

The membrane was probed with the primary antibody at a 1:6,000 dilution. Personal Communication, V. Coppola, CCR-NCI, Frederick, MD.

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of Ntrk3.

Immunogen A synthetic peptide corresponding to C-terminus of mouse Ntrk3.

Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:5000-1:20000) Western Blot (1:1000-1:10000) Immunoprecipitation (1 ug) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot using Ntrk3 polyclonal antibody (Cat # PAB11334) to detect endogenous Ntrk3 in mouse cortex lysate (Lane 1). Lane 2 is Ntrk3 knock-out cortex lysate.

Cell extracts were resolved by electrophoresis and transferred to nitrocellulose. The membrane was probed with the primary antibody at a 1:6,000 dilution.

Personal Communication, V. Coppola, CCR-NCI, Frederick, MD.

- Western Blot (Transfected lysate)

Western blot using Ntrk3 polyclonal antibody (Cat # PAB11334) to detect over-expressed Ntrk3 in HEK293 cells (Lane 2, arrowhead). Lane 1 is a non-transfected control.

Cell extracts were resolved by electrophoresis and transferred to nitrocellulose. The membrane was probed with the primary antibody at a 1:3,000 dilution.

Personal Communication, V. Coppola, CCR-NCI, Frederick, MD.

- Immunoprecipitation

Mouse cortex lysate was immunoprecipitated with Ntrk3 polyclonal antibody (Cat # PAB11334) and further blotted with affinity purified anti-Ntrk3.

Lane 1 is wild-type cortex lysate, Lane 2 is Grasp knock-out cortex lysate, and Lane 3 is Ntrk3 knock-out cortex lysate.

The membrane was probed with the primary antibody at a 1:6,000 dilution.

Personal Communication, V. Coppola, CCR-NCI, Frederick, MD.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — Ntrk3

Entrez GeneID	18213
Protein Accession#	NP_877961
Gene Name	Ntrk3
Gene Alias	AW125844, TrkC
Gene Description	neurotrophic tyrosine kinase, receptor, type 3
Gene Ontology	Hyperlink
Gene Summary	receptor
Other Designations	OTTMUSP00000023300 OTTMUSP00000023301

Publication Reference

- [A kinase-deficient TrkC receptor isoform activates Arf6-Rac1 signaling through the scaffold protein tamalin.](#)

Esteban PF, Yoon HY, Becker J, Dorsey SG, Caprari P, Palko ME, Coppola V, Saragovi HU, Randazzo PA, Tessarollo L.
Journal of Cellular Biology 2006 Apr; 173(2):291.

Application: IF, IP-WB, Human, HEK 293 cells

- [Evidence for a role of truncated trkC receptor isoforms in mouse development.](#)

Palko ME, Coppola V, Tessarollo L.

Journal of Neuroscience 1999 Jan; 19(2):775.

- [Differential expression of TrkC catalytic and noncatalytic isoforms suggests that they act independently or in association.](#)

Menn B, Timsit S, Calothy G, Lamballe F.

The Journal of Comparative Neurology 1998 Nov; 401(1):47.

Application: IHC-Fr, IP, WB-Ti, Mouse, Brains, Embryos, Hearts, Kidneys, Livers, Lungs, Muscles, Ovaries, Spleens, Testes,