

**Tnik antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12939****Specification**

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**Tnik antibody - middle region - Product Information**

Application	WB
Primary Accession	<a href="#">P83510</a>
Other Accession	<a href="#">NM_001163008</a> , <a href="#">NP_001156480</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	145kDa KDa

**Tnik antibody - middle region - Additional Information****Gene ID** 665113**Alias Symbol** 1500031A17Rik, 4831440I19Rik, AI451411, C530008O15Rik, C630040K21Rik, KIAA0551, MGC189819, MGC189859**Other Names**

Traf2 and NCK-interacting protein kinase, 2.7.11.1, Tnik, Kiaa0551

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-Tnik antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

Tnik antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**Tnik antibody - middle region - Protein Information****Name** Tnik**Synonyms** Kiaa0551**Function**

Serine/threonine kinase that acts as an essential activator of the Wnt signaling pathway. Recruited to promoters of Wnt target genes and required to activate their expression. May act by phosphorylating TCF4/TCF7L2. Appears to act upstream of the JUN N- terminal pathway. May play

a role in the response to environmental stress. Part of a signaling complex composed of NEDD4, RAP2A and TNIK which regulates neuronal dendrite extension and arborization during development. More generally, it may play a role in cytoskeletal rearrangements and regulate cell spreading (By similarity).

#### **Cellular Location**

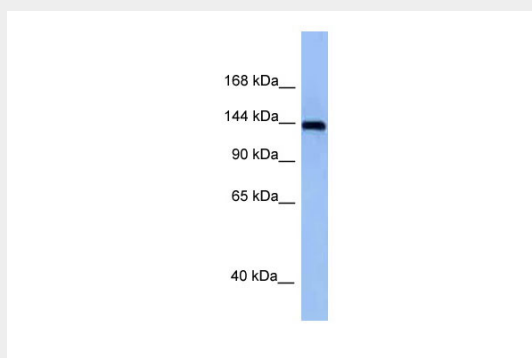
Nucleus. Cytoplasm. Recycling endosome Cytoplasm, cytoskeleton. Note=Associated with recycling endosomes and the cytoskeletal fraction upon RAP2A overexpression

#### **Tnik antibody - middle region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **Tnik antibody - middle region - Images**



WB Suggested Anti-Tnik Antibody Titration: 1.0 µg/ml  
Positive Control: Mouse Spleen