

Anti-TNIK antibody ab95887

画像数 2

製品の概要

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| 製品名 | Anti-TNIK antibody |
| 製品の詳細 | Rabbit polyclonal to TNIK |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: WB, IP |
| 種交差性 | 交差種: Human 交差が予測される動物種: Mouse, Rat, Rabbit, Horse, Cow, Dog, Pig, Chimpanzee, Ferret, Rhesus monkey, Gorilla, Orangutan  |
| 免疫原 | Synthetic peptide within Human TNIK aa 600-700. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: NP_055843.1 |
| ポジティブ・コントロール | HeLa whole cell lysate. |
| 特記事項 | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

製品の特性

| | |
|----------|-----------------------------------------------------------------------------------------------|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| バッファー | pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate |
| 精製度 | Immunogen affinity purified |
| 特記事項(精製) | ab95887 was affinity purified using an epitope specific to TNIK immobilized on solid support. |
| ポリ/モノ | ポリクローナル |

アイソタイプ

IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab95887の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--------------------------------------------------------|
| WB | | 1/2000 - 1/10000. Predicted molecular weight: 155 kDa. |
| IP | | Use at 2-5 µg/mg of lysate. |

ターゲット情報

機能

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.

組織特異性

Expressed ubiquitously. Highest levels observed in heart, brain and skeletal muscle. Expressed in normal colonic epithelia and colorectal cancer tissues.

配列類似性

Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily. Contains 1 CNH domain.
Contains 1 protein kinase domain.

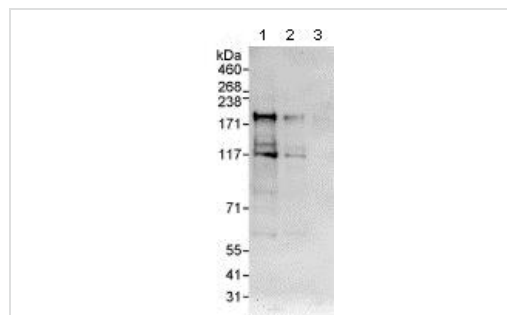
翻訳後修飾

Autophosphorylated. Autophosphorylation is activated by RAP2A and induces association to the cytoskeletal fraction.

細胞内局在

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

画像



Western blot - Anti-TNIK antibody (ab95887)

All lanes : Anti-TNIK antibody (ab95887) at 0.1 µg/ml

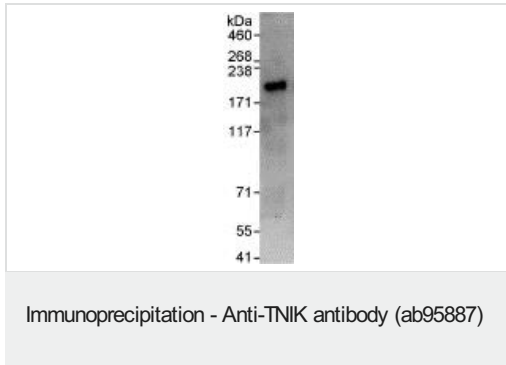
Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

Predicted band size: 155 kDa

Exposure time: 3 minutes



Detection of TNIK by Western Blot of Immunoprecipitate.
ab95887 at 1 µg/ml staining TNIK in HeLa whole cell lysate
immunoprecipitated using ab95887 at 3 µg/mg lysate (1 mg/IP; 20%
of IP loaded/lane).
Detection: Chemiluminescence with exposure time of 30 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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