# abcam

### Product datasheet

## Anti-TPR antibody ab70610

3 References 画像数 2

#### 製品の概要

製品名 Anti-TPR antibody

製品の詳細 Rabbit polyclonal to TPR

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, Chicken, Guinea pig, Dog, Turkey, Pig,

Chimpanzee, Ferret, Rhesus monkey, Gorilla

免疫原 Synthetic peptide corresponding to a region between residue 1650 and 1700 of human TPR

ポジティブ・コントロール HeLa and 293T whole cell lysates.

特記事項 The Life Ociones industry has been in the many

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.

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

#### 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: 6.8

Preservative: 0.09% Sodium azide

Constituents: 0.1% BSA, Tris buffered saline

精製度 Immunogen affinity purified

特記事項(精製) ab70610 was affinity purified using an epitope specific to TPR immobilized on solid support.

**ポリ/モノ** ポリクローナル

アイソタイプ lgG

**The Abpromise guarantee** <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab70610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検討ください。

アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Detects a band of approximately 300 kDa (predicted molecular weight: 267 kDa).
IP		Use at 2-5 µg/mg of lysate.

#### ターゲット情報

機能 Component of the cytoplasmic fibrils of the nuclear pore complex implicated in nuclear protein

import. Its N-terminus is involved in activation of oncogenic kinases. Plays a role in the mitotic

spindle checkpoint.

組織特異性 Highest in testis, lung, thymus, spleen and brain, lower levels in heart, liver and kidney.

**関連疾患** Defects in TPR are a cause of thyroid papillary carcinoma (TPC) [MIM:188550]. TPC is a

common tumor of the thyroid that typically arises as an irregular, solid or cystic mass from otherwise normal thyroid tissue. Papillary carcinomas are malignant neoplasm characterized by the formation of numerous, irregular, finger-like projections of fibrous stroma that is covered with a surface layer of neoplastic epithelial cells. Note=Chromosomal aberrations involving TPR are found in thyroid papillary carcinomas. Intrachromosomal rearrangement that links the 5'-end of the TPR gene to the protein kinase domain of NTRK1 forms the fusion protein TRK-T1. TRK-T1 is a

55 kDa protein reacting with antibodies against the carboxy terminus of the NTRK1 protein.

Note=Involved in tumorigenic rearrangements with the MET or RAF genes.

**翻訳後修飾** Phosphorylated upon DNA damage, probably by ATM or ATR.

細胞内局在 Nucleus > nuclear pore complex. Nucleus membrane. Chromosome > centromere > kinetochore.

The assembly of the NPC is a stepwise process in which Trp-containing peripheral structures assemble after other components, including p62. Detected at kinetochores during prometaphase.

#### 画像



Western blot - Anti-TPR antibody (ab70610)

**All lanes :** Anti-TPR antibody (ab70610) at 0.04 μg/ml

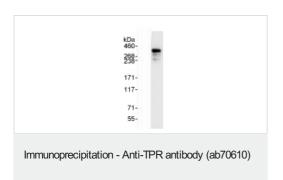
**Lane 1 :** HeLa whole cell lysate at 50 μg **Lane 2 :** HeLa whole cell lysate at 15 μg **Lane 3 :** HeLa whole cell lysate at 5 μg **Lane 4 :** 293T whole cell lysate at 50 μg

Predicted band size: 267 kDa Observed band size: 300 kDa

Additional bands at: 235 kDa. We are unsure as to the identity of

these extra bands.

Exposure time: 30 seconds



Detection of Human TPR by Western Blot of Immunprecipitate. ab70610 at 1 $\mu$ g/ml staining TPR in HeLa whole cell lysates immunoprecipitated using ab70610 at 3 $\mu$ g/mg lysate (1 mg/lP; 20% of IP loaded/lane). Detection: Chemiluminescence with exposure time of 1 second.

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