


# Anti-TPR antibody ab70610

**3 References**   **2 图像**

### 概述

产品名称	Anti-TPR抗体
描述	兔多克隆抗体to TPR
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Human 预测可用于: 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
阳性对照	HeLa and 293T whole cell lysates.
常规说明	<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&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	<p>pH: 6.8</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 0.1% BSA, Tris buffered saline</p>
纯度	Immunogen affinity purified
纯化说明	ab70610 was affinity purified using an epitope specific to TPR immobilized on solid support.
克隆	多克隆
同种型	IgG

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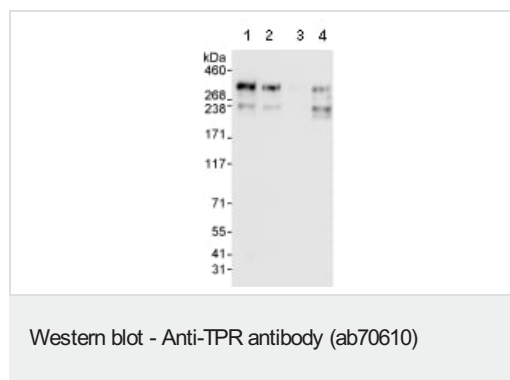
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

## 靶标

功能	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.
组织特异性	Highest in testis, lung, thymus, spleen and brain, lower levels in heart, liver and kidney.
疾病相关	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.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	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.

## 图片



**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

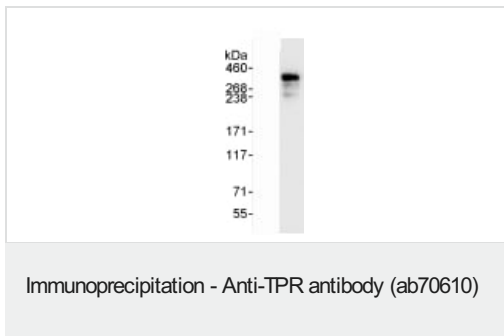
**Lane 4 :** 293T whole cell lysate at 50 µg

**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 Immunoprecipitate. ab70610 at 1 µg/ml staining TPR in HeLa whole cell lysates immunoprecipitated using ab70610 at 3 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane). Detection: Chemiluminescence with exposure time of 1 second.

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