

### Anti-TPR antibody [EPR8982] - BSA and Azide free ab249609

リコンビナント **RabMAb**

画像数 3

#### 製品の概要

製品名	Anti-TPR antibody [EPR8982] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR8982] to TPR - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, ICC/IF <b>適用なし:</b> Flow Cyt, IHC-P or IP
種交差性	<b>交差種:</b> Human <b>非交差種:</b> Mouse, Rat
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab249609 is the carrier-free version of <a href="#">ab170940</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Affinity purified
ポリ/モノ	モノクローナル
クローン名	EPR8982
アイソタイプ	IgG

## アプリケーション

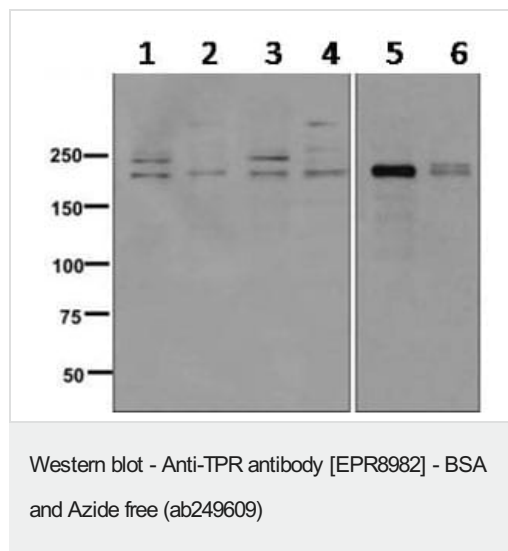
**The Abpromise guarantee**      **Abpromise保証は、次のテスト済みアプリケーションにおけるab249609の使用に適用されます**  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Predicted molecular weight: 267 kDa.
ICC/IF		Use at an assay dependent concentration.

**追加情報**      Is unsuitable for Flow Cyt, IHC-P or IP.

## 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.



**All lanes** : Anti-TPR antibody [EPR8982] ([ab170940](#)) at 1/1000 dilution

**Lane 1** : HeLa + Camptothecin cell lysates

**Lanes 2 & 4** : HeLa cell lysates

**Lane 3** : HeLa + Staurosporine cell lysates

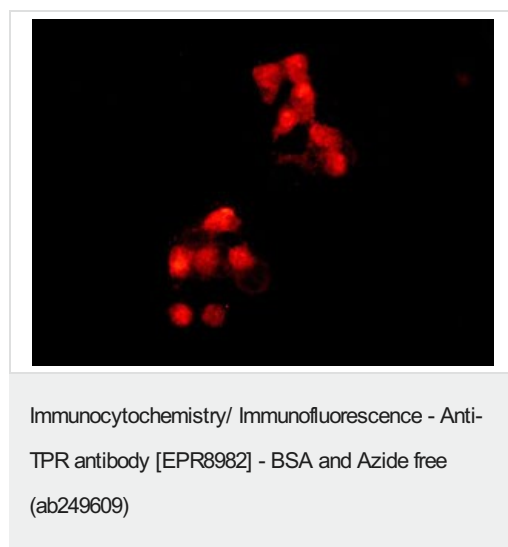
**Lane 5** : 293T cell lysates

**Lane 6** : Jurkat cell lysates

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 267 kDa

This data was developed using [ab170940](#), the same antibody clone in a different buffer formulation.



This data was developed using [ab170940](#), the same antibody clone in a different buffer formulation. Immunofluorescence analysis of HeLa cells labeling TPR with [ab170940](#) at 1/100 dilution.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-TPR antibody [EPR8982] - BSA and Azide free  
(ab249609)

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

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