


Anti-TFII I antibody [EPR7697] - BSA and Azide free ab248269

リコンビナント **RabMAb**

1 References [画像数 5](#)

製品の概要

製品名	Anti-TFII I antibody [EPR7697] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR7697] to TFII I - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IHC-P, ICC/IF, WB 適用なし: IP
種交差性	交差種: Human 交差が予測される動物種: Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248269 is the carrier-free version of ab129025.</p> <p>Our carrier-free 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 conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <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[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] 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"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

製品の特性

製品の状態

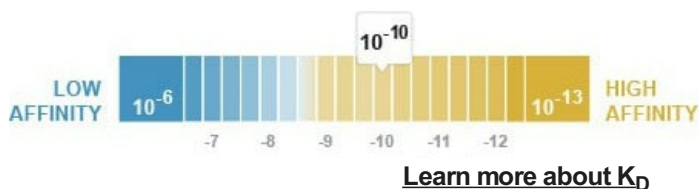
Liquid

保存方法

Shipped at 4°C. Store at +4°C. Do Not Freeze.

解離定数 (K_D 値)

$K_D = 1.32 \times 10^{-10}$ M



バッファー

pH: 7.2

Constituent: PBS

キャリア・フリー

はい

精製度

Protein A purified

ポリ/モノ

モノクローナル

クローン名

EPR7697

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ab248269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
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 135-138 kDa (predicted molecular weight: 112 kDa).

追加情報

Is unsuitable for IP.

ターゲット情報

機能

Interacts with the basal transcription machinery by coordinating the formation of a multiprotein complex at the C-FOS promoter, and linking specific signal responsive activator complexes. Promotes the formation of stable high-order complexes of SRF and PHOX1 and interacts cooperatively with PHOX1 to promote serum-inducible transcription of a reporter gene derived by the C-FOS serum response element (SRE). Acts as a coregulator for USF1 by binding independently two promoter elements, a pyrimidine-rich initiator (Inr) and an upstream E-box.

Required for the formation of functional ARID3A DNA-binding complexes and for activation of immunoglobulin heavy-chain transcription upon B-lymphocyte activation.

組織特異性

Ubiquitous. Isoform 1 is strongly expressed in fetal brain, weakly in adult brain, muscle, and lymphoblasts and is almost undetectable in other adult tissues, while the other isoforms are equally expressed in all adult tissues.

関連疾患

Note=GTF2I is located in the Williams-Beuren syndrome (WBS) critical region. WBS results from a hemizygous deletion of several genes on chromosome 7q11.23, thought to arise as a consequence of unequal crossing over between highly homologous low-copy repeat sequences flanking the deleted region. Haploinsufficiency of GTF2I may be the cause of certain cardiovascular and musculo-skeletal abnormalities observed in the disease.

配列類似性

Belongs to the TFII-I family.
Contains 6 GTF2I-like repeats.

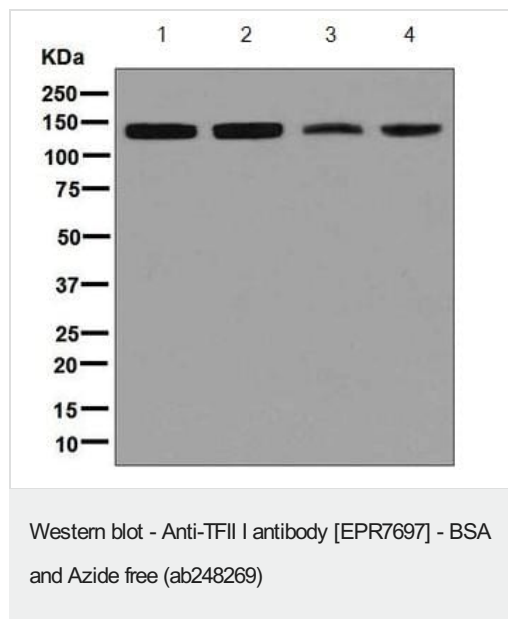
翻訳後修飾

Transiently phosphorylated on tyrosine residues by BTK in response to B-cell receptor stimulation. Phosphorylation on Tyr-248 and Tyr-398, and perhaps, on Tyr-503 contributes to BTK-mediated transcriptional activation.
Sumoylated.

細胞内局在

Cytoplasm. Nucleus. Colocalizes with BTK in the cytoplasm.

画像



All lanes : Anti-TFII I antibody [EPR7697] ([ab129025](#)) at 1/10000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : 293T cell lysate

Lane 3 : U937 cell lysate

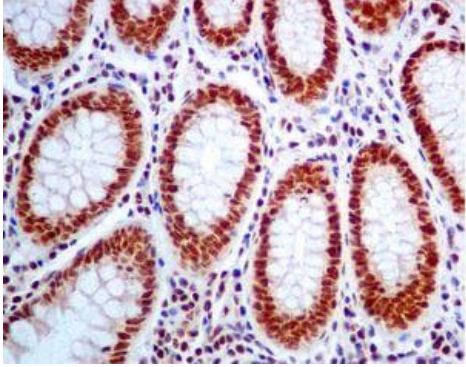
Lane 4 : Jurkat cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 112 kDa

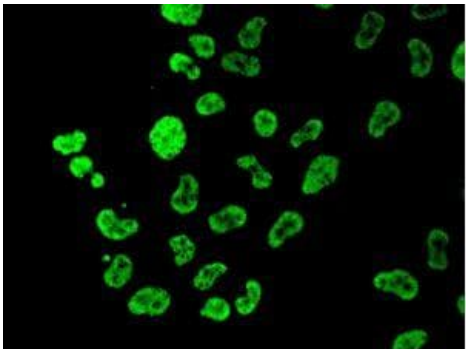
Observed band size: 135-138 kDa

This data was developed using [ab129025](#), the same antibody clone in a different buffer formulation.



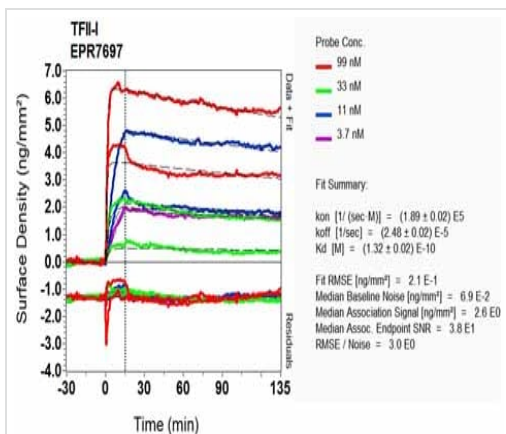
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TFII I antibody [EPR7697]
- BSA and Azide free (ab248269)

This data was developed using [**ab129025**](#), the same antibody clone in a different buffer formulation. [**ab129025**](#), at 1/100 dilution staining TFII I in formalin fixed paraffin embedded Human colon tissue by immunohistochemistry. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-TFII I antibody [EPR7697] - BSA and Azide free (ab248269)

This data was developed using [**ab129025**](#), the same antibody clone in a different buffer formulation. [**ab129025**](#), at 1/100 dilution, staining TFII I in HeLa cells by immunofluorescence



SPR Scanning - Anti-TFII I antibody [EPR7697] -
BSA and Azide free (ab248269)

This data was developed using [ab129025](#), the same antibody clone in a different buffer formulation. Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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

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(ab248269)

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