

Anti-GPCR TGR5 antibody ab72608

33 References **画像数 3**

製品の概要

製品名	Anti-GPCR TGR5 antibody
製品の詳細	Rabbit polyclonal to GPCR TGR5
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB 適用なし: ICC/IF
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide corresponding to a region between residues 250 and 300 of human GPCR TGR5 (NP_733800.1).
特記事項	<p>GPCR is multi pass membrane protein, customers may try heating the lysates for 15-20 minutes at 60-70C instead of boiling the samples. Non fat dry milk as blocking agent seems effective than BSA with current lot. Please contact technical support team for more information.</p> <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: 7.40 Preservative: 0.05% Sodium azide Constituent: Whole serum
精製度	Whole antiserum
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

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ab72608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。

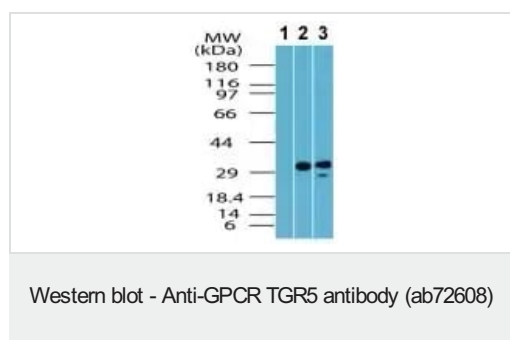
アプリケーション	Abreviews	特記事項
IHC-P		1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/1000 - 1/5000. Detects a band of approximately 33 kDa (predicted molecular weight: 35 kDa). Block the membrane in 5% Non-fat milk in TBST (blocking buffer) for at least 1 hour. Dilute primary antibody in blocking buffer and incubate overnight at 4C with gentle rocking.

追加情報 Is unsuitable for ICC/IF.

ターゲット情報

機能	Receptor for bile acid. Bile acid-binding induces its internalization, activation of extracellular signal-regulated kinase and intracellular cAMP production. May be involved in the suppression of macrophage functions by bile acids.
組織特異性	Ubiquitously expressed. Expressed at higher level in spleen and placenta. Expressed at lower level in other tissues. In digestive tissues, it is expressed in stomach, duodenum, ileocecum, ileum, jejunum, ascending colon, transverse colon, descending colon, cecum and liver, but not in esophagus and rectum.
配列類似性	Belongs to the G-protein coupled receptor 1 family.
細胞内局在	Cell membrane.

画像



Lanes 2-3 : Anti-GPCR TGR5 antibody (ab72608) at 1/1000 dilution

Lane 1 : Pre-immune serum

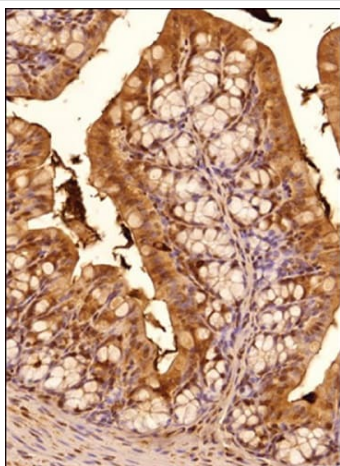
Lane 2 : Human spleen lysate

Lane 3 : Mouse spleen lysate

Predicted band size: 35 kDa

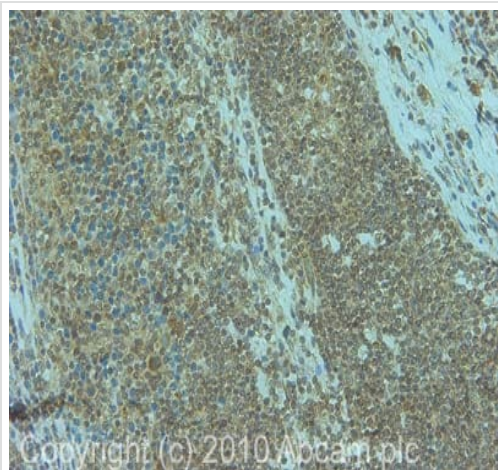
Observed band size: 33 kDa

Additional bands at: 27 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPCR TGR5 antibody (ab72608)

Formalin-fixed, paraffin-embedded mouse colon tissue stained for GPCR TGR5 with ab72608 at 1/200 dilution in immunohistochemical analysis. DAB staining. Counter stained with Hematoxylin.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPCR TGR5 antibody (ab72608)

IHC image of ab72608 staining in human tonsil formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab72608, at 1/100 dilution, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors