

# Anti-Syntaxin 6 antibody [3D10] - Golgi Membrane Marker ab12370

★★★★★ **3 Abreviews**   **25 References**   画像数 **4**

### 製品の概要

製品名	Anti-Syntaxin 6 antibody [3D10] - Golgi Membrane Marker
製品の詳細	Mouse monoclonal [3D10] to Syntaxin 6 - Golgi Membrane Marker
由来種	Mouse
アプリケーション	<b>適用あり:</b> Flow Cyt, WB, IP
種交差性	<b>交差種:</b> Mouse, Rat
免疫原	Recombinant full length protein corresponding to Rat Syntaxin 6. Database link: <a href="#">Q63635</a>
エピトープ	The epitope for this antibody has been localized to the amino terminus (residues 1-25) of Syntaxin 6.
ポジティブ・コントロール	Mouse Brain Tissue Extract, rat Brain Tissue Extract.
特記事項	<p>This product was changed from ascites to tissue culture supernatant on 5th July 2019. Lot numbers higher than GR3173630 are from tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</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&amp;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	Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
精製度	Protein G purified

特記事項(精製)	Purified from TCS
ポリ/モノ	モノクローナル
クローン名	3D10
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

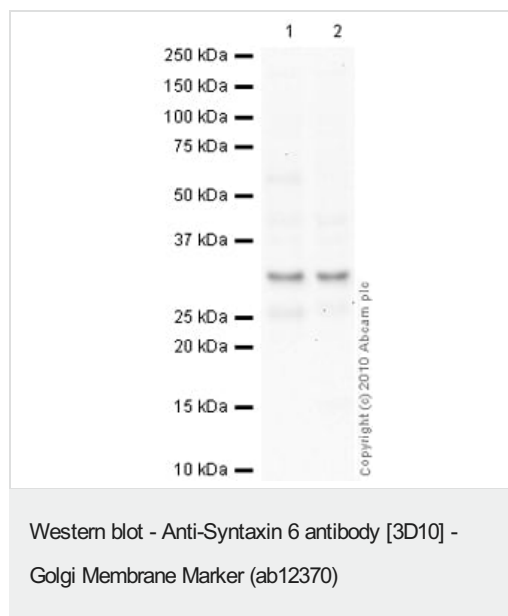
The Abpromise guarantee      Abpromise保証は、次のテスト済みアプリケーションにおけるab12370の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 2µg for 10 <sup>6</sup> cells. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (2)	1/1000. Detects a band of approximately 35 kDa (predicted molecular weight: 30.6 kDa).
IP		Use at an assay dependent concentration.

ターゲット情報

機能	Involved in intracellular vesicle trafficking.
配列類似性	Belongs to the syntaxin family. Contains 1 t-SNARE coiled-coil homology domain.
翻訳後修飾	Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Golgi apparatus membrane.

画像



**All lanes :** Anti-Syntaxin 6 antibody [3D10] - Golgi Membrane Marker (ab12370) at 1 µg/ml

**Lane 1 :** Brain (Mouse) Tissue Lysate

**Lane 2 :** Brain (Rat) Tissue Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat Anti-Mouse IgG H&L (HRP) preadsorbed (**ab97040**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

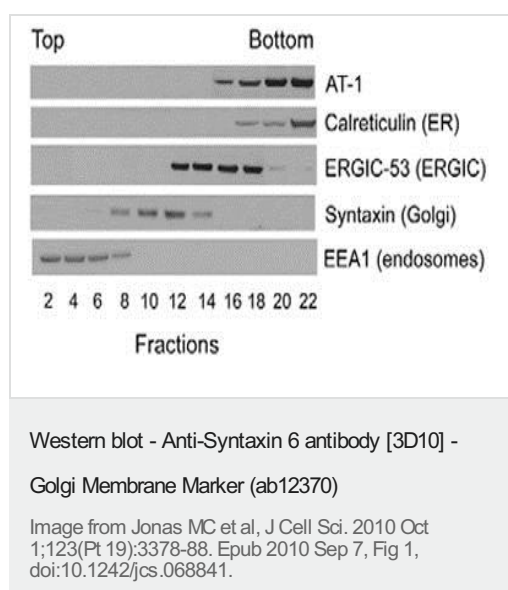
**Predicted band size:** 30.6 kDa

**Observed band size:** 30.6 kDa

**Additional bands at:** 26 kDa. We are unsure as to the identity of these extra bands.

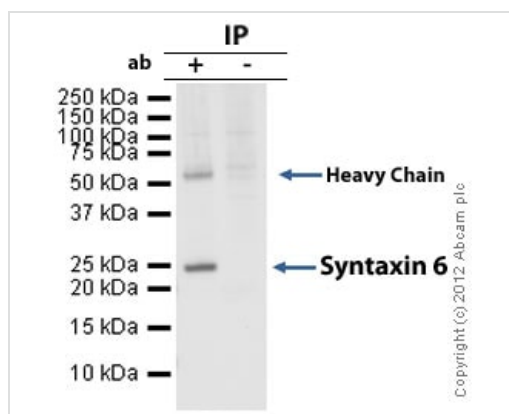
**Exposure time:** 8 minutes

This image was generated using the ascites version of the product.



Intracellular membranes from CHO cells were separated on a 10–24% discontinuous Nycodenz gradient. Western Blotting was then performed using a range of antibodies including ab12370 at a 1/1000 dilution. An HRP-conjugated anti-mouse secondary was used at a 1/6000 dilution.

This image was generated using the ascites version of the product.



Immunoprecipitation - Anti-Syntaxin 6 antibody  
[3D10] - Golgi Membrane Marker (ab12370)

Syntaxin 6 was immunoprecipitated using 0.5mg Mouse Brain whole tissue lysate, 10µg of Mouse monoclonal to Syntaxin 6 and 50µl of protein G magnetic beads (+). No antibody was added to the control (-).

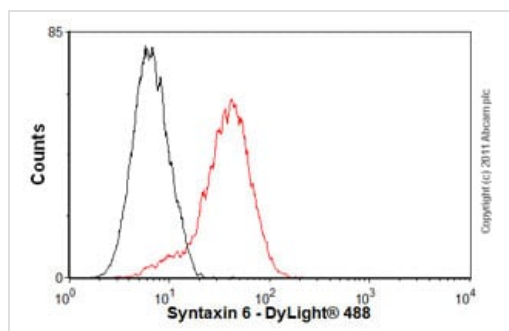
The antibody was incubated under agitation with Protein G beads for 10min, Mouse Brain whole tissue lysate lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70°C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab12370.

Secondary: Protein G-HRP at 1/500 dilution.

Band: 25kDa:Syntaxin 6.

This image was generated using the ascites version of the product.



Flow Cytometry - Anti-Syntaxin 6 antibody [3D10] -  
Golgi Membrane Marker (ab12370)

Overlay histogram showing PC12 cells stained with ab12370 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab12370, 2µg/1x10<sup>6</sup> cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1]([ab91353](#), 2µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed.

This image was generated using the ascites version of the product.

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