


Product datasheet

Anti-Connexin 45 / GJA7 / Cx45 antibody ab70365

1 References 画像数 2

製品の概要

製品名	Anti-Connexin 45 / GJA7 / Cx45 antibody
製品の詳細	Rabbit polyclonal to Connexin 45 / GJA7 / Cx45
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Rat, Human 交差が予測される動物種: Mouse, Dog 
免疫原	Synthetic peptide corresponding to Human Connexin 45/ GJA7/ Cx45 aa 350 to the C-terminus conjugated to keyhole limpet haemocyanin. (Peptide available as ab91444)
ポジティブ・コントロール	This antibody gave a positive signal in Rat Lung Tissue Lysate and in the following whole cell lysates: SHSY5Y; SKNBE; SKNSH.
特記事項	Previously labelled as Connexin 45 / GJA7.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab70365** in the following tested applications.

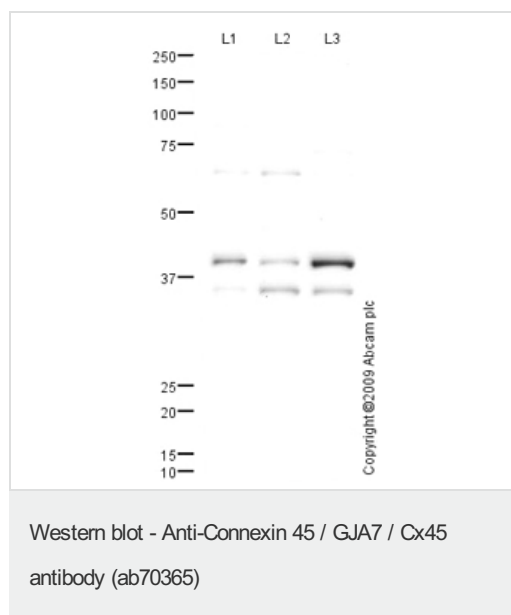
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 41 kDa (predicted molecular weight: 45 kDa).

ターゲット情報

機能	One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.
配列類似性	Belongs to the connexin family. Gamma-type subfamily.
細胞内局在	Cell membrane. Cell junction > gap junction.

画像



All lanes : Anti-Connexin 45 / GJA7 / Cx45 antibody (ab70365) at 1 µg/ml

Lane 1 : SHSY-5Y (Human neuroblastoma cell line) Whole Cell Lysate

Lane 2 : SK N BE (Human neuroblastoma) Whole Cell Lysate

Lane 3 : SK N SH (Human neuroblastoma) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

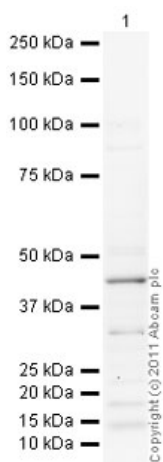
Predicted band size: 45 kDa

Observed band size: 41 kDa

[why is the actual band size different from the predicted?](#)

Additional bands at: 35 kDa, 68 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 8 minutes



Western blot - Anti-Connexin 45 / GJA7 / Cx45 antibody (ab70365)

Anti-Connexin 45 / GJA7 / Cx45 antibody (ab70365) at 1 µg/ml + Lung (Rat) Tissue Lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 45 kDa

Observed band size: 45 kDa

Exposure time: 20 minutes

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