

## Product datasheet

# Anti-PIP5KI gamma antibody - N-terminal ab71820

### 画像数 2

#### 製品の概要

製品名	Anti-PIP5KI gamma antibody - N-terminal
製品の詳細	Rabbit polyclonal to PIP5KI gamma - N-terminal
由来種	Rabbit
アプリケーション	<b>適用あり:</b> ELISA, IHC-P, WB
種交差性	<b>交差種:</b> Human
ポジティブ・コントロール	293 cell lysate and human hepatocarcinoma tissue.

#### 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 or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium Azide Constituents: PBS
精製度	Protein G purified
特記事項 (精製)	ab71820 is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
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 **ab71820** in the following tested applications.

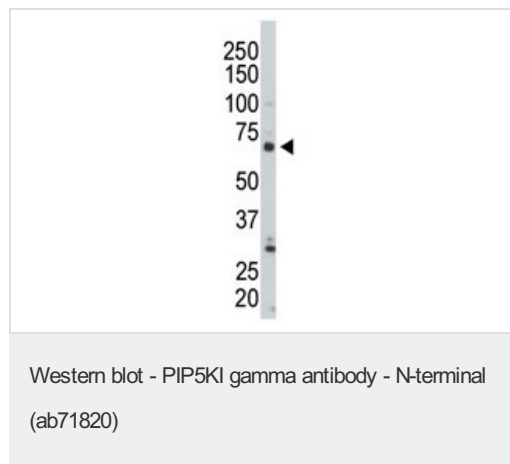
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ELISA		1/1000.
IHC-P		1/50 - 1/100.
WB		1/100 - 1/500. Detects a band of approximately 70 kDa (predicted molecular weight: 74 kDa).

## ターゲット情報

機能	Plays a role in membrane ruffling and assembly of clathrin-coated pits at the synapse. Mediates RAC1-dependent reorganization of actin filaments (By similarity). Participates in the biosynthesis of phosphatidylinositol-4,5-bisphosphate.
関連疾患	Defects in PIP5K1C are the cause of lethal congenital contracture syndrome type 3 (LCCS3) [MIM:611369]; also known as multiple contractural syndrome Israeli Bedouin type B. LCCS is an autosomal recessive disorder characterized by early fetal hydrops and akinesia, the Pena-Shokeir phenotype, specific neuropathology with degeneration of anterior horn neurons and extreme skeletal muscle atrophy. LCCS3 patients present at birth with severe multiple joint contractures with severe muscle wasting and atrophy, mainly in the legs. LCCS3 can be distinguished from the original LCCS by the absence of hydrops, fractures, and multiple pterygia.
配列類似性	Contains 1 PIPK domain.
細胞内局在	Cell membrane. Cytoplasmic, associated with the plasma membrane. Detected in focal adhesion plaques, membrane ruffles and plasma membrane invaginations.

## 画像

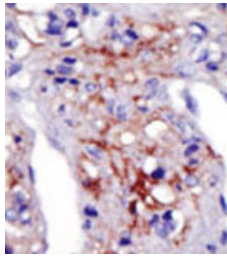


Anti-PIP5K1 gamma antibody - N-terminal (ab71820) at 1/100 dilution + 293 cell lysate at 12.5 µg

**Predicted band size:** 74 kDa

**Observed band size:** 70 kDa

**Additional bands at:** 30 kDa. We are unsure as to the identity of these extra bands.



ab71820 at 1/50 dilution, staining PIP5KI gamma in human hepatocarcinoma by Immunohistochemistry, Formalin-fixed, Paraffin-embedded tissue, followed by peroxidase-conjugated secondary antibody and AEC staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - PIP5KI gamma antibody - N-terminal (ab71820)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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