

## Product datasheet

# Anti-PIST antibody ab90904

### 画像数 1

#### 製品の概要

製品名	Anti-PIST antibody
製品の詳細	Rabbit polyclonal to PIST
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Rabbit, Guinea pig, Cow, Dog, Zebrafish
免疫原	Synthetic peptide corresponding to a region within N terminal amino acids 36-85 (VLEKEFDKAF VDVDLLLGEIDPDQADITYE GRQKMTSLSS CFAQLCHKAQ) of Human PIST (NP_001017408). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
ポジティブ・コントロール	HeLa cell lysate

#### 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 repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: 2% Sucrose, PBS
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 **ab90904** in the following tested applications.

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

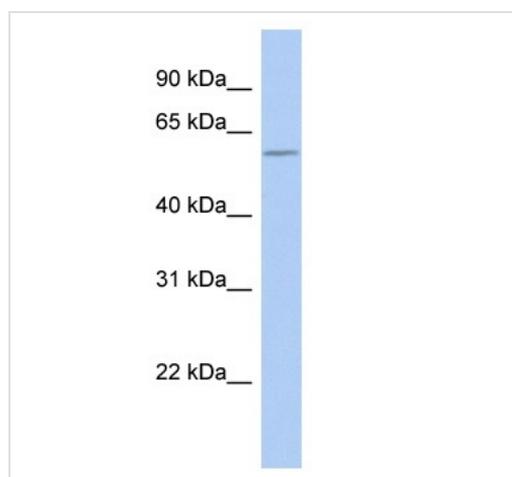
アプリケーション	Abreviews	特記事項

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WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 50 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## ターゲット情報

機能	Plays a role in intracellular protein trafficking and degradation. May regulate CFTR chloride currents and acid-induced ACCN3 currents by modulating cell surface expression of both channels. May also regulate the intracellular trafficking of the ADR1B receptor. May play a role in autophagy. Overexpression results in CFTR intracellular retention and degradation in the lysosomes.
組織特異性	Ubiquitously expressed.
関連疾患	Note=A chromosomal aberration involving GOPC is found in a glioblastoma multiforme sample. An intra-chromosomal deletion del(6)(q21q21) is responsible for the formation of GOPC-ROS1 chimeric protein which has a constitutive receptor tyrosine kinase activity.
配列類似性	Contains 1 PDZ (DHR) domain.
ドメイン	The PDZ domain mediates interactions with FZD5, FZD8, ACCN3, GRID2, CLCN3 (By similarity). Mediates also interaction with CFTR and ADRB1. The coiled-coil region probably mediates association to membranes, targeting to the Golgi, and interactions with GOLGA3, and STX6. May also mediate interaction with RHOQ.
細胞内局在	Cytoplasm. Golgi apparatus membrane. Golgi apparatus > trans-Golgi network membrane. Cell junction > synapse. Cell junction > synapse > postsynaptic cell membrane > postsynaptic density. Cell projection > dendrite. Enriched in synaptosomal and postsynaptic densities (PSD) fractions (By similarity). Expressed in cell bodies and dendrites of Purkinje cells (By similarity). Localized at the trans-Golgi network (TGN) of spermatids and the medulla of round spermatides.

## 画像



Western blot - Anti-PIST antibody (ab90904)

Anti-PIST antibody (ab90904) at 1 µg/ml (in 5% skim milk / PBS buffer) + HeLa cell lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 50 kDa

Gel concentration: 12%

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