

### PTPN14 peptide ab12578

画像数 1

#### 製品の詳細

製品名	PTPN14 peptide
精製度	> 90 % HPLC.
Animal free	No
由来	Synthetic

#### 特性

Our **Abpromise guarantee** covers the use of **ab12578** 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	Blocking
製品の状態	Liquid
備考	<p>- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.</p> <p>- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.</p> <p>- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.</p> <p>- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.</p> <p>- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.</p> <p>This product was previously labelled as PTPD2</p>

#### 前処理および保存





保存方法および安定性	<p>Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.</p> <p>Information available upon request.</p>
------------	---

## 関連情報

機能	Protein tyrosine phosphatase which may play a role in the regulation of lymphangiogenesis.
組織特異性	Expressed in a variety of human tissues including kidney, skeletal muscle, lung and placenta.
関連疾患	Defects in PTPN14 are a cause of choanal atresia and lymphedema (CHATLY) [MIM:613611]. A disease characterized by posterior choanal atresia and lymphedema. Additional features are a high-arched palate, hypoplastic nipples, and mild pectus excavatum. Note=A homozygous deletion in PTPN14 predicted to result in frameshift and premature truncation, has been shown to be the cause of choanal atresia and lymphedema in one family.
配列類似性	Belongs to the protein-tyrosine phosphatase family. Non-receptor class subfamily. Contains 1 FERM domain. Contains 1 tyrosine-protein phosphatase domain.
翻訳後修飾	Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Cytoplasm > cytoskeleton.

## 画像

**Choose the best for your experiment from thousands of proteins and peptides**

-  Reinforce the validity of your results with **protein controls**
-  Validate specific, reliable reagents with **blocking peptides**
-  Keep working on targets without specific antibodies with **fusion-tagged proteins**
-  Get consistent, reproducible results with premium **bioactive proteins**

PTPN14 peptide (ab12578)

To learn more about our protein and peptide range click [here](#).

**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