abcam

Product datasheet

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 - 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.

- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or

buffer.

- 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.

- 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.

- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

This product was previously labelled as PTPD2

前処理および保存

保存方法および安定性 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

Information available upon request.

1

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.

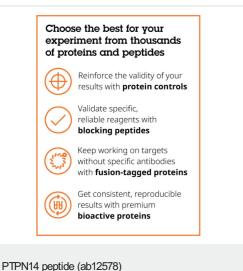
Contains 1 FERM domain.

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



To learn more about our protein and peptide range click **here**.

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