

Tyrosine-protein phosphatase non-receptor type 21, Antibody



EC 3.1.3.48, Protein-tyrosine phosphatase D1

Catalog Number: 15-288-21500

SwissProt Accession #: Q16825

PTN21_HUMAN

NCBI Accession #: NP_008970.1

GI #: 5902032

Immunogen Sequence Position:
580-837

Length (aa): 1174

Mol. Weight (Da): 133287



Linear Protein Map with Immunogenic Epitope Marked
(sequence source from above GI#)

Source: Chicken

Purity: Immunoaffinity Purified

Clonality: Polyclonal

Crossreactivity: Human

Format: Phosphate-Buffered Saline. No preservatives added.

Storage: 4°C for short term (weeks) and -20°C for long term.
Avoid frequent freeze and thaw.

Stability: 6-12 months at -20°C.

Shipping: Products may be shipped on ice pack.

Precautions: This product is for *in vitro* research use only.
Not for use in diagnostic or therapeutic procedures.

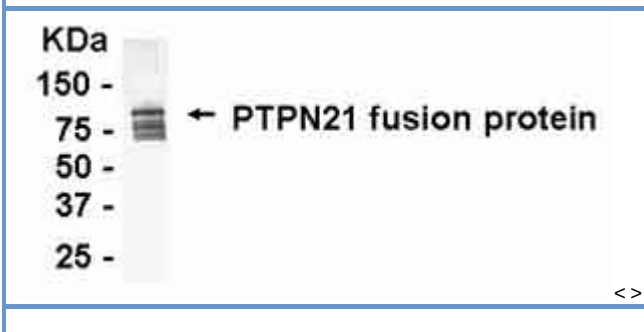
Important Notes: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

APPLICATIONS:

Western Blot	Tested
ELISA, ICC, IHC	Not Tested

TESTING: (secondary reagents and protocols)

Western Blot: E coli-derived fusion protein as test antigen.
Affi-pure IgY dilution: 1:2000, Goat anti-IgY-HRP dilution:
1:1000. Colorimetric method for signal development.



TARGET DESCRIPTION:

CATALYTIC ACTIVITY: Protein tyrosine phosphate + H₂O = protein tyrosine + phosphate.

SIMILARITY: Contains 1 tyrosine-protein phosphatase domain.

OMIM: 603271; gene. [NCBI / EBI]

CATEGORIES RELATED TO TARGET PROTEIN:

PROTEIN FUNCTIONS: Tyrosine Metabolism, Esterases, Adaptor Proteins, Signal Transducing, Phosphotransferases

BACKGROUND REFERENCES:

- [1] Jui,H.Y., et al. Protein-tyrosine phosphatase D1, a poten...
- [2] Tokuchi,H., et al. Expression of protein tyrosine phosphata...
- [3] Dorner,C., et al. Characterization of KIF1C, a new kinesin...
- [4] Higashitsuji,H., et al. Enhanced expression of multiple protein ...
- [5] Moller,N.P., et al. Src kinase associates with a member of a...

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