

Product datasheet

Anti-PTPN3 antibody ab37524

1 Image

Overview

Product name	Anti-PTPN3 antibody
Description	Rabbit polyclonal to PTPN3
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Mouse, Human
Immunogen	A KLH-conjugated synthetic peptide (10-30 amino acids in length) in the internal region of 406-422 of Human PTPN3.
Positive control	Mouse brain tissue lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Protein G purified
Purification notes	This antibody was purified through a protein G column and eluted out with both high and low pH buffers. It was neutralized immediately after elution, followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab37524** in the following tested applications.

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

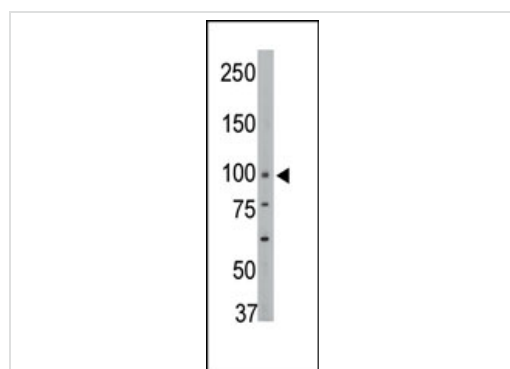
Application	Abreviews	Notes
WB		1/100 - 1/500. Detects a band of approximately 104 kDa (predicted molecular weight: 104 kDa).

Application	Abreviews	Notes
ELISA		1/1000.

Target

Function	May act at junctions between the membrane and the cytoskeleton. Possesses tyrosine phosphatase activity.
Sequence similarities	Belongs to the protein-tyrosine phosphatase family. Non-receptor class subfamily. Contains 1 FERM domain. Contains 1 PDZ (DHR) domain. Contains 1 tyrosine-protein phosphatase domain.
Cellular localization	Cell membrane. Cytoplasm > cytoskeleton.

Images



Western blot - Anti-PTPN3 antibody (ab37524)

Anti-PTPN3 antibody (ab37524) at 1/100 dilution + Mouse brain tissue lysate

Predicted band size: 104 kDa

Observed band size: 104 kDa

Additional bands at: 60 kDa, 75 kDa. We are unsure as to the identity of these extra bands.

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