

Datasheet for ABIN630412 **anti-PTPN2 antibody (N-Term)**



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	PTPN2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PTPN2 antibody was raised using the N terminal of PTPN2 corresponding to a region with amino acids LEIRNESHDYPHRVAKFPENRNRNRYRDVSPYDHSRVKQLQNAENDYINAS
Specificity:	PTPN2 antibody was raised against the N terminal of PTPN2
Purification:	Purified

Target Details

Target:	PTPN2
Alternative Name:	PTPN2 (PTPN2 Products)
Background:	PTPN2 is a member of the protein tyrosine phosphatase (PTP) family. Members of the PTP family share a highly conserved catalytic motif, which is essential for the catalytic activity. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell

Target Details

growth, differentiation, mitotic cycle, and oncogenic transformation. Epidermal growth factor receptor and the adaptor protein Shc were reported to be substrates of this PTP, which suggested the roles in growth factor mediated cell signaling.

Molecular Weight: 39 kDa (MW of target protein)

Pathways: [EGFR Signaling Pathway](#), [Carbohydrate Homeostasis](#), [Regulation of Carbohydrate Metabolic Process](#), [Platelet-derived growth Factor Receptor Signaling](#)

Application Details

Application Notes: WB: 2.5 µg/mL
Optimal conditions should be determined by the investigator.

Comment: PTPN2 Blocking Peptide, catalog no. 33R-4905, is also available for use as a blocking control in assays to test for specificity of this PTPN2 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PTPN2 antibody in PBS

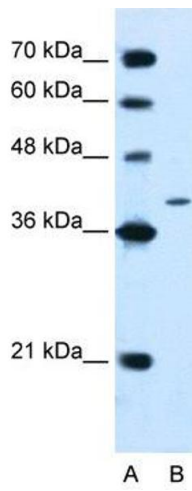
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. PTPN2 antibody used at 2.5 ug/ml to detect target protein.