

Datasheet for ABIN2774324
anti-PTPN3 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PTPN3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	ASAGVAVYRK YICTSFYPWV NILKISFKRK KFFIHQRQKQ AESREHIVAF
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PTPN3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PTPN3
Alternative Name:	PTPN3 (PTPN3 Products)
Background:	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP)

Target Details

family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This protein contains a C-terminal PTP domain and an N-terminal domain homologous to the band 4.1 superfamily of cytoskeletal-associated proteins. P97, a cell cycle regulator involved in a variety of membrane related functions, has been shown to be a substrate of this PTP. This PTP was also found to interact with, and be regulated by adaptor protein 14-3-3 beta. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: DKFZp686N0569, PTPH1, PTP-H1

Protein Interaction Partner: NXT2, ZCCHC10, DIP2A, WDR6, LMO1, AKR1C1, YWHAQ, UBE3A, VDR, GHR, YWHAG, ADAM17, YWHAB, VCP, CD247, ZAP70, SFN,

Protein Size: 782

Molecular Weight: 86 kDa

Gene ID: 5774

NCBI Accession: [NM_001145369](#), [NP_001138841](#)

UniProt: [E9PGU7](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 782 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

168 kDa__

144 kDa__

90 kDa__

65 kDa__

40 kDa__



Rabbit Anti-PTPN3 Antibody

Catalog Number: ARP61812

Lot Number: QC32548

Lane: PANC1 Cell Lysate

Antibody Titration: 1.0µg/ml

Gel Concentration: 6-18%

Western Blotting

Image 1.