

Datasheet for ABIN6146448
anti-PTPN3 antibody (AA 1-300)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PTPN3
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human PTPN3 (NP_001138840.1).
Sequence:	MTSRLRALGG RINNIRTSEL PKEKTRSEVI CSIHFLDGVV QTFKVTQDT GQVLLDMVHN HLGVTEKEYF GLQHDDDSVD SPRWLEASKA IRKQLKGGFP CTLHFRVRFF IPDPNTLQQE QTRHLYFLQL KMDICEGRLT CPLNSAVVLA SYAVQSHFGD YNSSIHHPGY LSDSHFIPDQ NEDFLTKVES LHEQHSGLKQ SEAESCYINI ARTLDFYGV E LHSGRDLHNL DLMIGIASAG VAVYRKYICT SFYPWVNILK ISFKRKKFFI HQRQKQAESR EHIVAFNMLN YRSCKNLWKS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

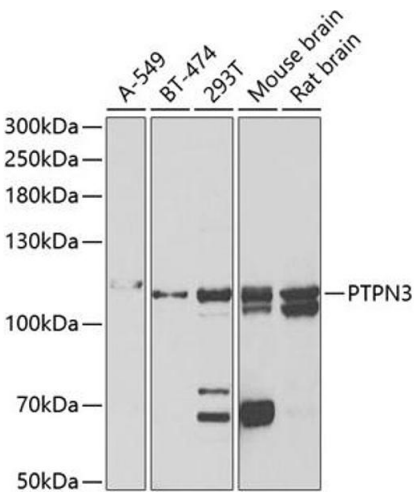
Target:	PTPN3
Alternative Name:	PTPN3 (PTPN3 Products)
Background:	<p>The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, 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.,PTPN3,PTP-H1,PTPH1,Signal Transduction,Immunology & Inflammation,IL-6 Receptor Signaling Pathway,PTPN3</p>
Molecular Weight:	83 kDa/88 kDa/103 kDa
Gene ID:	5774
UniProt:	P26045

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PTPN3 antibody (ABIN6132535, ABIN6146448, ABIN6146449 and ABIN6222030) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 10s.