



# Anti-PTPN20B polyclonal antibody (CABT-BL3058)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Immunogen	Synthetic peptide derived from residues 300 to the C-terminus of Human PTPN20.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, WB
Cellular Localization	Cytoplasmic
Format	Liquid
Buffer	1% BSA, PBS, pH 7.4
Preservative	0.02% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## BACKGROUND

Introduction	The product of this gene belongs to the family of classical tyrosine-specific protein tyrosine phosphatases. Many protein tyrosine phosphatases have been shown to regulate fundamental cellular processes and several are mutated in human diseases. Chromosome 10q contains a
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segmental duplication resulting in multiple copies of the protein tyrosine phosphatase, non-receptor type 20 gene. The two nearly identical copies are designated as PTPN20A and PTPN20B. A third copy is only partially duplicated and contains a pseudogene, designated as PTPN20C. This gene encodes the more telomeric copy, PTPN20B. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.

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## GENE INFORMATION

Entrez Gene ID	<a href="#">26095</a>
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Protein Refseq	<a href="#">NP_001035823</a>
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UniProt ID	<a href="#">Q4JDL3</a>
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