

**PTPN20 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58202****Specification**

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**PTPN20 Polyclonal Antibody - Product Information**

Application	IHC-P, WB
Primary Accession	<a href="#">Q4JDL3</a>
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48423

**PTPN20 Polyclonal Antibody - Additional Information****Gene ID** 26095**Other Names**

Tyrosine-protein phosphatase non-receptor type 20, hPTPN20, 3.1.3.48, PTPN20 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=23423" target="\_blank">HGNC:23423</a>)

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PTPN20 Polyclonal Antibody - Protein Information****Name** PTPN20 ([HGNC:23423](#))**Function**

Tyrosine-protein phosphatase targeted to sites of actin polymerization in response of varied extracellular stimuli. Has tyrosine phosphatase activity towards various tyrosyl phosphorylated substrates.

**Cellular Location**

Nucleus. Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome  
Note=Colocalizes with the microtubule-organizing center and intracellular membrane compartments

**Tissue Location**

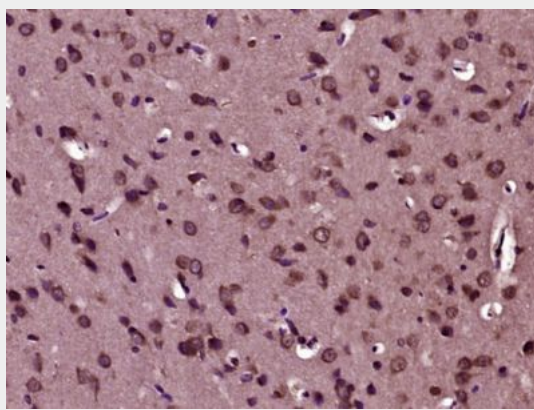
Present in many cell lines (at protein level). Widely expressed.

## PTPN20 Polyclonal Antibody - Protocols

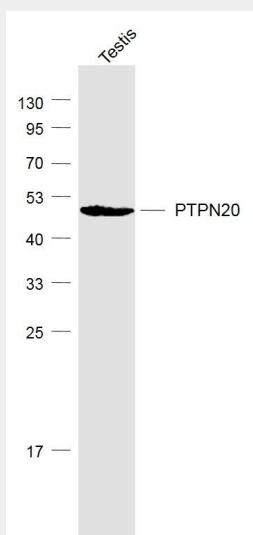
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## PTPN20 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PTPN20) Polyclonal Antibody, Unconjugated (bs-4431R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample:

Testis (Mouse) Lysate at 40 ug

Primary: Anti-PTPN20 (bs-4431R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 48 kD  
Observed band size: 48 kD