

PPP1R14D Polyclonal Antibody
Catalog # AP72020**Specification**

PPP1R14D Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9NXH3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

PPP1R14D Polyclonal Antibody - Additional Information**Gene ID** 54866**Other Names**

PPP1R14D; GBPI; Protein phosphatase 1 regulatory subunit 14D; Gastrointestinal and brain-specific PP1-inhibitory protein 1; GBPI-1

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

PPP1R14D Polyclonal Antibody - Protein Information**Name** PPP1R14D**Synonyms** GBPI**Function**

Inhibitor of PPP1CA. Has inhibitory activity only when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction.

Cellular Location

Cytoplasm.

Tissue Location

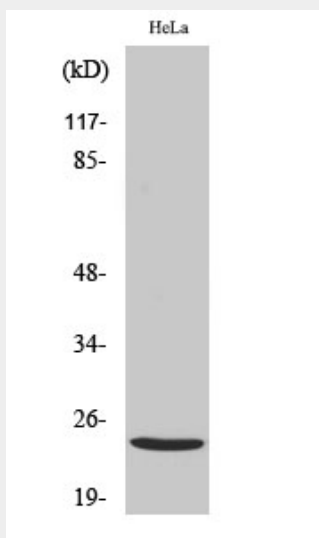
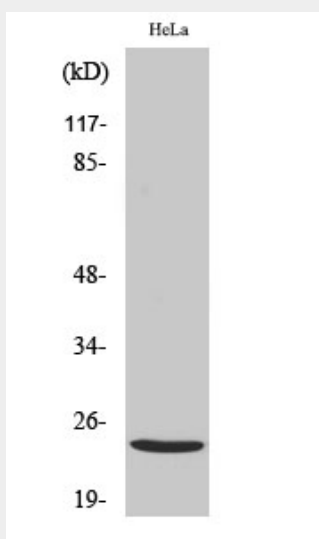
Detected in colon, intestine, kidney and brain cortex.

PPP1R14D 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](#)

PPP1R14D Polyclonal Antibody - Images



PPP1R14D Polyclonal Antibody - Background

Inhibitor of PPP1CA. Has inhibitory activity only when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction.