

PPP1R14D Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51444

Product Information

Application	WB
Primary Accession	Q9NXH3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16508

Additional Information

Gene ID	54866
Other Names	Protein phosphatase 1 regulatory subunit 14D, Gastrointestinal and brain-specific PP1-inhibitory protein 1, GBPI-1, PPP1R14D, GBPI
Target/Specificity	KLH conjugated synthetic peptide derived from human PPP1R14D
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C. Stable for 12 months from date of receipt

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.

Background

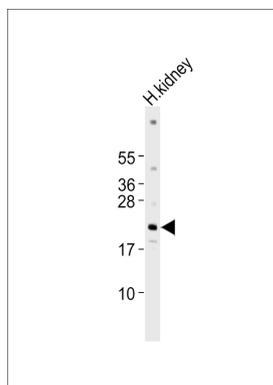
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References

Liu Q.-R.,et al.Biochem. J. 377:171-181(2004).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



Anti-PPP1R14D Antibody at 1:1000 dilution + human kidney lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 17 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.