

# Anti-PP2A-B55 Alpha/PR55 Alpha/PPP2R2A Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P101544

## Product Information

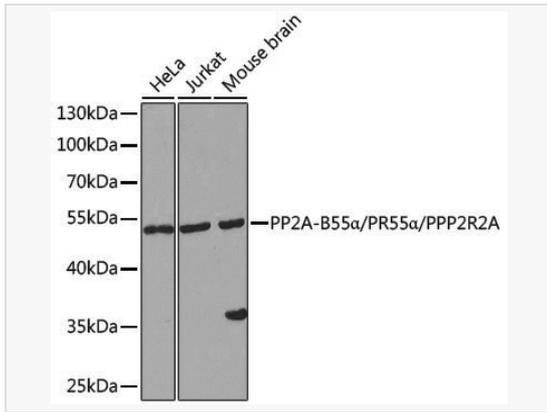
Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 100-200 of human PP2A-B55 $\alpha$ /PR55 $\alpha$ /PPP2R2A (NP_002708.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PP2A-B55 Alpha/PR55 Alpha/PPP2R2A Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	B55A; PR52A; PR55A; B55 ALPHA; PR55 alpha; PP2A-B55 alpha/PR55 alpha/PPP2R2A.
Calculated MW	Calculated MW: 52 kDa; Observed MW: 52 kDa
Uniprot ID	P63151
Gene ID	5520
Background	The product of this gene belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an alpha isoform of the regulatory subunit B55 subfamily. Alternatively spliced transcript variants have been described.

## Validation Images

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Western blot analysis of various lysates using PP2A-B55 $\alpha$ /PR55 $\alpha$ /PPP2R2A Rabbit pAb (P101544) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.