

# PRKAR1B Polyclonal Antibody

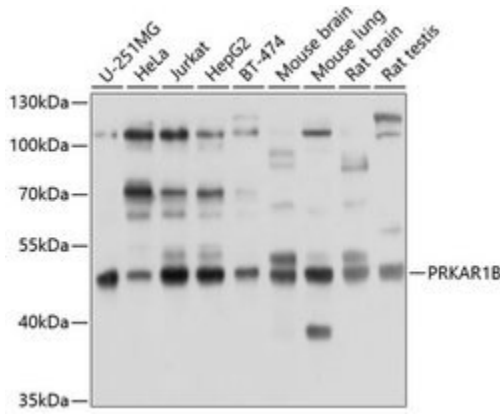
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 190-290 of human PRKAR1B
Form	liquid
Concentration	2.28 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2804321

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:4,000	1 Publication

## Product Specific Information

Immunogen sequence: WVTNISEGGS FGELALIYGT PRAATVKAKT DLKLWGIDRD SYRRILMGST LRKRKMYEEF LSKVSILESL EKWERLTVAD ALEPVQFEDG EKIVVQGEPE D; Positive Samples: U-251MG, HeLa, Jurkat, HepG2, BT-474, Mouse brain, Mouse lung, Rat brain, Rat testis; Cellular Location: Cell membrane

## Product Images For PRKAR1B Polyclonal Antibody



### PRKAR1B Antibody (PA5-87652) in WB

Western Blot analysis of PRKAR1B in extracts of various cell lines using PRKAR1B Polyclonal Antibody (Product # PA5-87652) at a dilution of 1:1000. A HRP Goat Anti-Rabbit IgG (H+L) secondary antibody was used at a dilution of 1:10,000. Lysates /proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

## 1 Reference

### Western Blot (1)

#### Scientific reports

### Deficiency of the RI subunit of protein kinase A causes body tremor and impaired fear conditioning memory in rats.

"PA5-87652 was used in Western Blotting to indicate the roles of the RI subunit in tremor pathogenesis and contextual and cued fear memory."

Authors: Hoang Trung H, Yoshihara T, Nakao A, Hayashida K, Hirata Y, Shirasuna K, Kuwamura M, Nakagawa Y, Kaneko T, Mori Y, Asano M, Kuramoto T

**Species**  
Rat

**Dilution**  
1:2000

**Year**  
2021

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