

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

Purified Rabbit Polyclonal Antibody

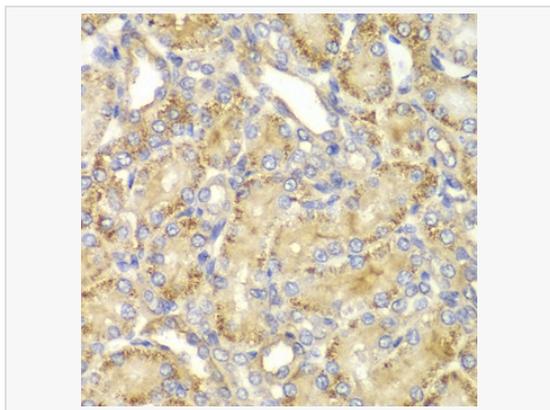
Catalog # P105391

Product Information

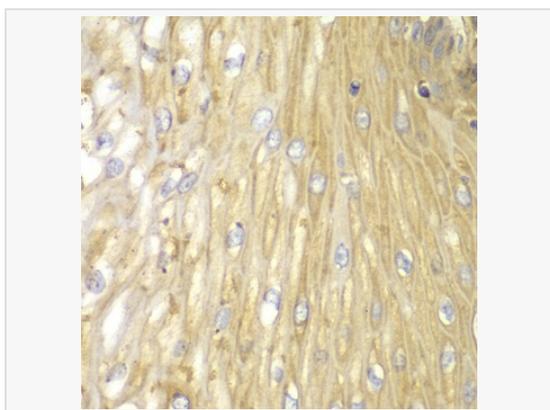
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000; IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-447 of human PP2A-B55 α /PR55 α /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

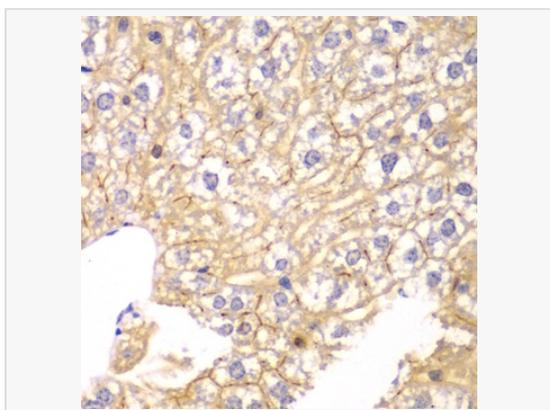
Synonyms	B55A; PR52A; PR55A; B55ALPHA; PR55alpha; PP2A-B55alpha/PR55alpha/PPP2R2A.
Calculated MW	Calculated MW: 52 kDa; Observed MW: 52 kDa
Uniprot ID	P63151
Gene ID	5520
Background	The product of this gene belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 is one of the 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.



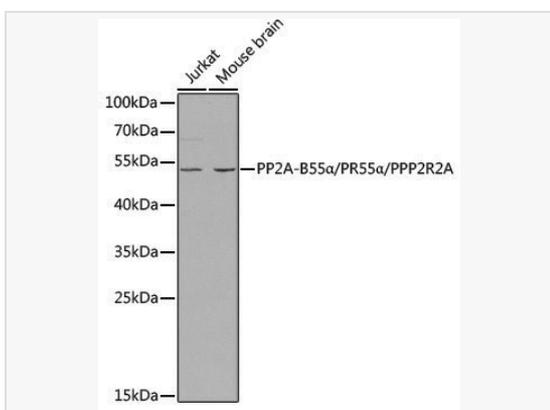
Immunohistochemistry analysis of paraffin-embedded Rat kidney using PP2A-B55 α /PR55 α /PPP2R2A Rabbit pAb (P105391) at dilution of 1:100 (40 \times lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human esophagus using PP2A-B55 α /PR55 α /PPP2R2A Rabbit pAb (P105391) at dilution of 1:100 (40 \times lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using PP2A-B55 α /PR55 α /PPP2R2A Rabbit pAb (P105391) at dilution of 1:100 (40 \times lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Western blot analysis of various lysates using PP2A-B55 α /PR55 α /PPP2R2A Rabbit pAb (P105391) at 1:1,000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST.