PRKAR1B Polyclonal Antibody

Catalog No. E-AB-12841

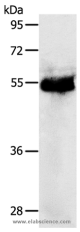
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthetic peptide of human PRKAR1B
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

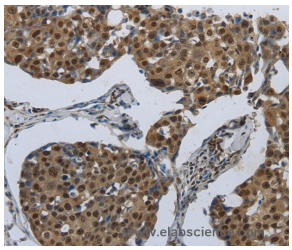
Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:50-1:200

Data

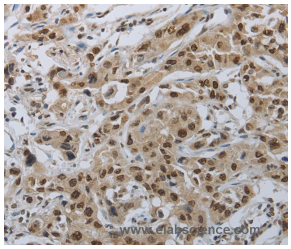


Western Blot analysis of Human colon cancer tissue using PRKAR1B Polyclonal Antibody at dilution of 1:1200

Calculated Mw:43kDa



Immunohistochemistry of paraffin-embedded Human breast cancer using PRKAR1B Polyclonal Antibody at dilution of 1:70



Immunohistochemistry of paraffin-embedded Human lung cancer using PRKAR1B Polyclonal Antibody at dilution of 1:70

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

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Background

Cyclic AMP-dependent protein kinase A (PKA) is an essential enzyme in the signaling pathway of the second messenger cAMP. Through phosphorylation of target proteins, PKA controls many biochemical events in the cell including regulation of metabolism, ion transport, and gene transcription. The PKA holoenzyme is composed of 2 regulatory and 2 catalytic subunits and dissociates from the regulatory subunits upon binding of cAMP.

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