

PRKAR2B Antibody (aa79-128)
Rabbit Polyclonal Antibody
Catalog # ALS15088**Specification**

PRKAR2B Antibody (aa79-128) - Product Information

Application	WB, IHC-P, E
Primary Accession	P31323
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

PRKAR2B Antibody (aa79-128) - Additional Information**Gene ID** 5577**Other Names**

cAMP-dependent protein kinase type II-beta regulatory subunit, PRKAR2B

Target/Specificity

PKA-R2 beta Antibody detects endogenous levels of total PKA-R2 beta protein.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions

PRKAR2B Antibody (aa79-128) is for research use only and not for use in diagnostic or therapeutic procedures.

PRKAR2B Antibody (aa79-128) - Protein Information**Name** PRKAR2B**Function**

Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells. Type II regulatory chains mediate membrane association by binding to anchoring proteins, including the MAP2 kinase.

Cellular Location

Cytoplasm. Cell membrane. Note=Colocalizes with PJA2 in the cytoplasm and at the cell membrane

Tissue Location

Four types of regulatory chains are found: I-alpha, I-beta, II-alpha, and II-beta. Their expression

varies among tissues and is in some cases constitutive and in others inducible

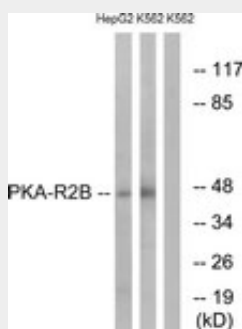
Volume

50 µl

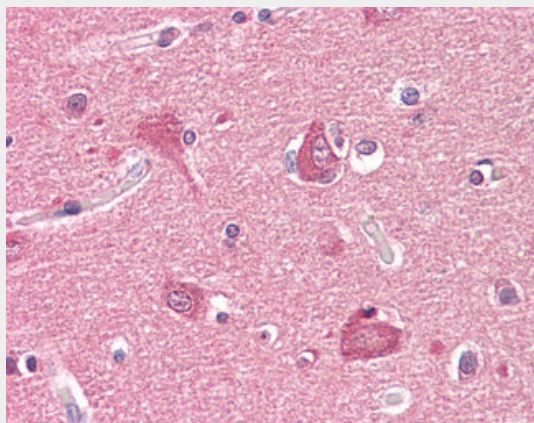
PRKAR2B Antibody (aa79-128) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PRKAR2B Antibody (aa79-128) - Images

Western blot of extracts from K562/HepG2 cells, using PKA-R2 beta Antibody.



Anti-PRKAR2B antibody IHC of human brain, cortex.

PRKAR2B Antibody (aa79-128) - Background

Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells. Type II regulatory chains mediate membrane association by binding to anchoring proteins, including the MAP2 kinase.

PRKAR2B Antibody (aa79-128) - References

Levy F.O.,et al.Mol. Endocrinol. 2:1364-1373(1988).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Han G.,et al.Proteomics 8:1346-1361(2008).