

PKA-R2 β (Ab-113) Antibody

Catalog No: #33161

Package Size: #33161-1 50ul #33161-2 100ul

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Description

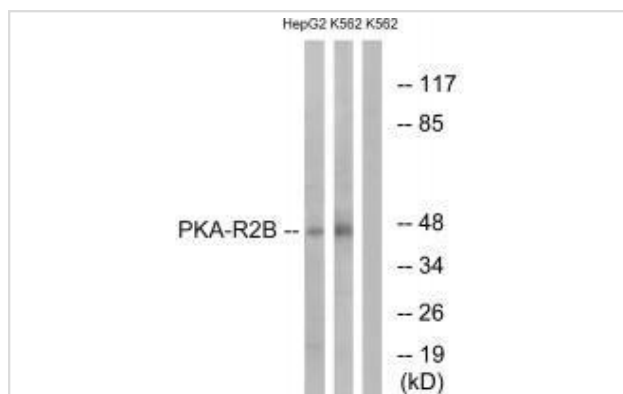
Product Name	PKA-R2 β (Ab-113) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total PKA-R2 β protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human PKA-R2 β around the phosphorylation site of serine 113 (R-A-S(p)-V-C).
Target Name	PKA-R2 β
Other Names	KAP3; PKA R2-beta; PRKAR2B; cAMP-dependent protein kinase type II-beta regulatory chain;
Accession No.	Swiss-Prot: P31323NCBI Gene ID: 5577
Uniprot	P31323
GeneID	5577;
SDS-PAGE MW	46kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

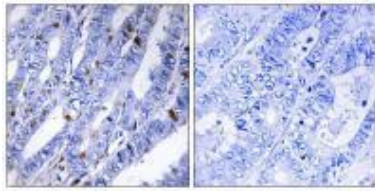
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HepG2 cells and K562 cells, using PKA-R2 β (Ab-113) antibody #33161.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using PKA-R2 β (Ab-113) antibody #33161.

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.

Levy F.O., Mol. Endocrinol. 2:1364-1373(1988).

Ota T., Nat. Genet. 36:40-45(2004).

Scherer S.W., Science 300:767-772(2003)

Note: This product is for in vitro research use only