10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KAP0 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50027

Product Information

Application	WB
Primary Accession	P10644
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	42982

Additional Information

Gene ID	5573
Other Names	cAMP-dependent protein kinase type I-alpha regulatory subunit, Tissue-specific extinguisher 1, TSE1, cAMP-dependent protein kinase type I-alpha regulatory subunit, N-terminally processed, PRKAR1A, PKR1, PRKAR1, TSE1
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

Protein Information

Name	PRKAR1A
Synonyms	PKR1, PRKAR1, TSE1
Function	Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells.
Cellular Location	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

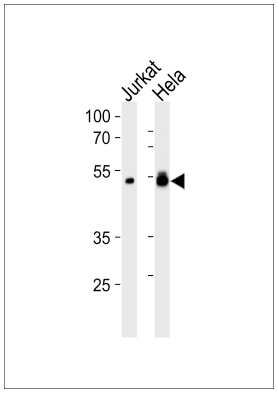
Background

Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells.

References

Sandberg M.,et al.Biochem. Biophys. Res. Commun. 149:939-945(1987).
Sandberg M.,et al.Biochem. Biophys. Res. Commun. 167:323-330(1990).
Jones K.W.,et al.Cell 66:861-872(1991).
Solberg R.,et al.Endocrinology 138:169-181(1997).
Gevaert K.,et al.Nat. Biotechnol. 21:566-569(2003).

Images



Western blot analysis of lysates from Jurkat,Hela cell line (from left to right),using KAP0 Antibody(C10337). C10337 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.