

RACK7 Polyclonal Antibody

Catalog No :	YT3955
Reactivity :	Human
Applications :	WB;ELISA;IHC
Target :	RACK7
Gene Name :	ZMYND8
Protein Name :	Protein kinase C-binding protein 1
Human Gene Id :	23613
Human Swiss Prot No :	Q9ULU4
Immunogen :	The antiserum was produced against synthesized peptide derived from human PKCB1. AA range:581-630
Specificity :	RACK7 Polyclonal Antibody detects endogenous levels of RACK7 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	132kD
Background :	The protein encoded by this gene is a receptor for activated C-kinase (RACK) protein. The encoded protein has been shown to bind in vitro to activated protein

kinase C beta I. In addition, this protein is a cutaneous T-cell lymphoma-associated antigen. Finally, the protein contains a bromodomain and two zinc fingers, and is thought to be a transcriptional regulator. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

Function :

PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 bromo domain.,similarity:Contains 1 MYND-type zinc finger.,similarity:Contains 1 PHD-type zinc finger.,similarity:Contains 1 PWWP domain.,subunit:Interacts in vitro with PRKCB1.,tissue specificity:Expressed in all tissues examined with highest expression in brain, lung, pancreas, and placenta. Expressed in cutaneous T-cell lymphomas (CTCL).,

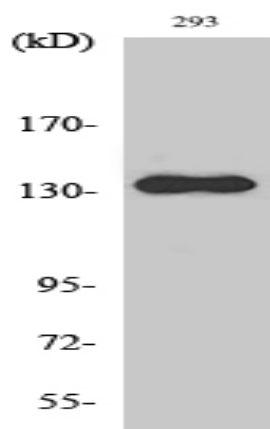
Subcellular Location :

Nucleus . Cytoplasm . Sequestered in the cytoplasm through the interaction with DBN1. .

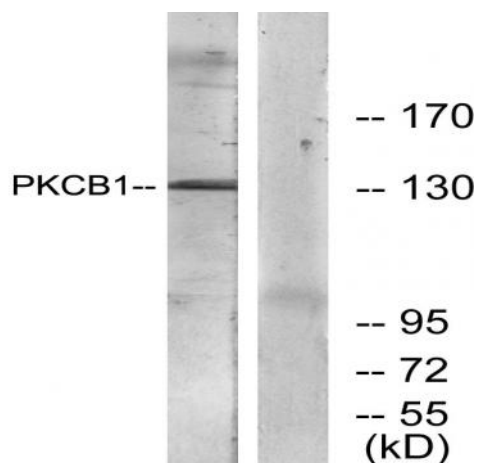
Expression :

Expressed in all tissues examined with highest expression in brain, lung, pancreas, and placenta. Expressed in cutaneous T-cell lymphomas (CTCL).

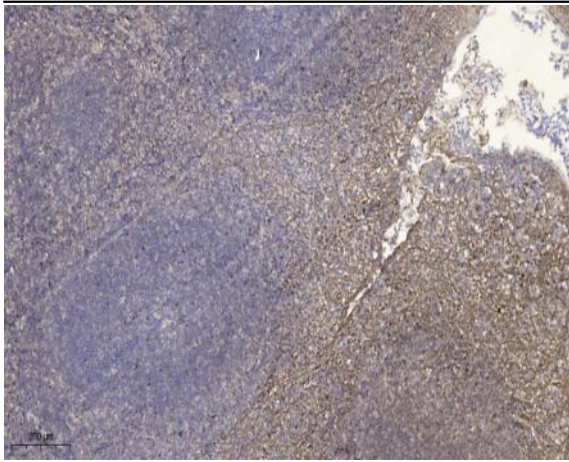
Products Images



Western Blot analysis of various cells using RACK7 Polyclonal Antibody



Western blot analysis of lysates from 293 cells, using PKCB1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4 ° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).