



CaMKV Polyclonal Antibody

Catalog No	YP-Ab-14692
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CAMKV
Protein Name	CaM kinase-like vesicle-associated protein
Immunogen	The antiserum was produced against synthesized peptide derived from human CAMK5. AA range:211-260
Specificity	CaMKV Polyclonal Antibody detects endogenous levels of CaMKV protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CAMKV; CaM kinase-like vesicle-associated protein
Observed Band	54kD
Cell Pathway	Cell membrane ; Peripheral membrane protein . Cytoplasmic vesicle membrane ; Peripheral membrane protein . Predominantly observed in association with the plasma membrane of soma and in neurites, both axons and dendrites. May be associated with vesicular structures (By similarity). .
Tissue Specificity	Brain,Lung,Retinoblastoma,Teratocarcinoma,
Function	cofactor:Calcium.,domain:The protein kinase domain is predicted to be catalytically inactive.,function:Does not appear to have detectable kinase activity.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subcellular location:Predominantly observed in association with the plasma membrane of soma and in neurites, both axons and dendrites. May be associated with vesicular structures.,subunit:Interacts with calmodulin, in the presence of calcium.,
Background	cofactor:Calcium.,domain:The protein kinase domain is predicted to be catalytically inactive.,function:Does not appear to have detectable kinase activity.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subcellular



location: Predominantly observed in association with the plasma membrane of soma and in neurites, both axons and dendrites. May be associated with vesicular structures., subunit: Interacts with calmodulin, in the presence of calcium.,

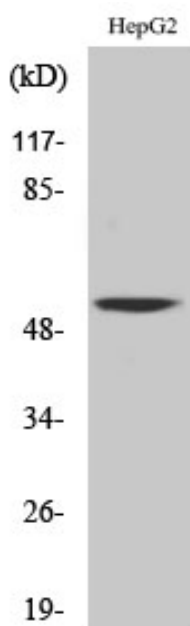
matters needing attention

Avoid repeated freezing and thawing!

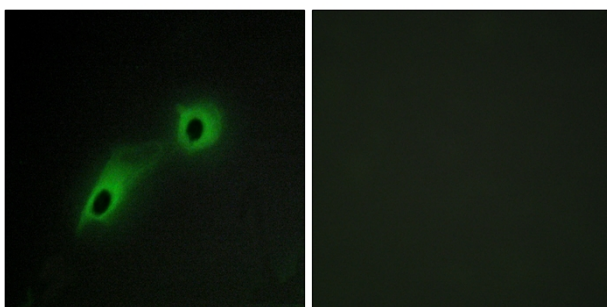
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

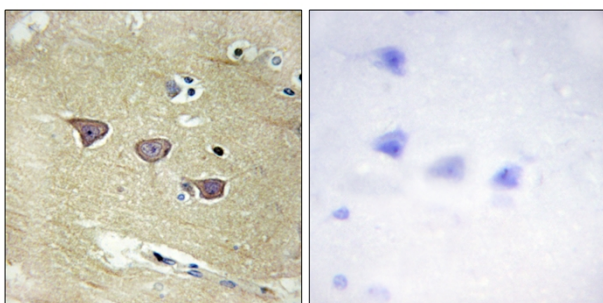
Products Images



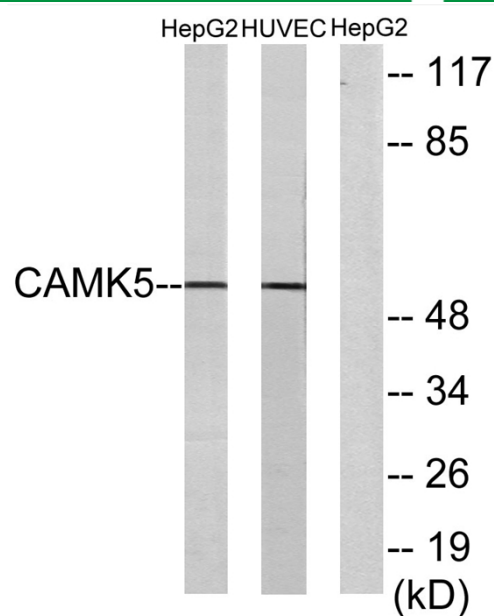
Western Blot analysis of various cells using CaMKV Polyclonal Antibody



Immunofluorescence analysis of HeLa cells, using CAMK5 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CAMK5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 and HUVEC cells, using CAMK5 Antibody. The lane on the right is blocked with the synthesized peptide.