Immunoway
Best Tools for immunology Research

Cyclin F Polyclonal Antibody

Catalog No :	YT1180
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	Cyclin F
Gene Name :	CCNF
Protein Name :	Cyclin-F
Human Gene Id :	899
Human Swiss Prot No :	P41002
Mouse Swiss Prot No :	P51944
Immunogen :	The antiserum was produced against synthesized peptide derived from human Cyclin F. AA range:737-786
Specificity :	Cyclin F Polyclonal Antibody detects endogenous levels of Cyclin F protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
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 :	88kD

Background :

This gene encodes a member of the cyclin family. Cyclins are important regulators of cell cycle transitions through their ability to bind and activate cyclin-dependent protein kinases. This member also belongs to the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and it was one of the first proteins in which the F-box motif was identified. [provided by RefSeq, Jul 2008],

Function :

developmental stage:G2/M cyclins accumulate steadily during G2 and are abruptly destroyed at mitosis.,function:Likely to be involved in the control of the cell cycle during S phase and G2.,similarity:Belongs to the cyclin family.,similarity:Belongs to the cyclin family. Cyclin AB subfamily.,similarity:Contains 1 F-box domain.,

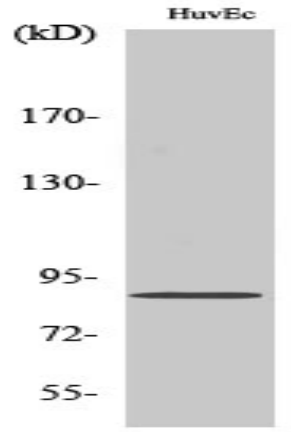
Subcellular Location :

Nucleus . Cytoplasm, perinuclear region . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . Localization to the centrosome is rare in S phase cells and increases in G2 cells. Localizes to both the mother and daughter centrioles. Localization to centrosomes is not dependent on CP110. Localizes to the nucleus in G2 phase. .

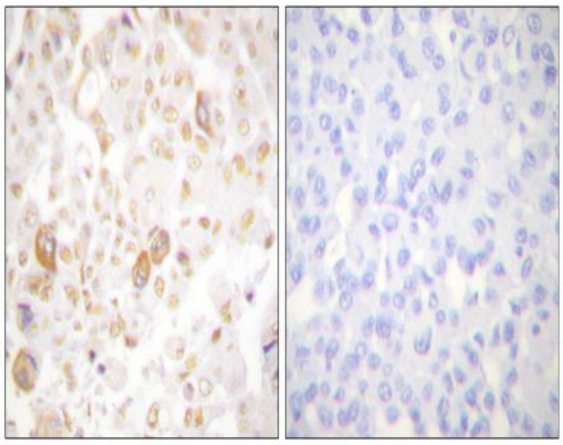
Expression :

Widely expressed, with expression detected in the heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.

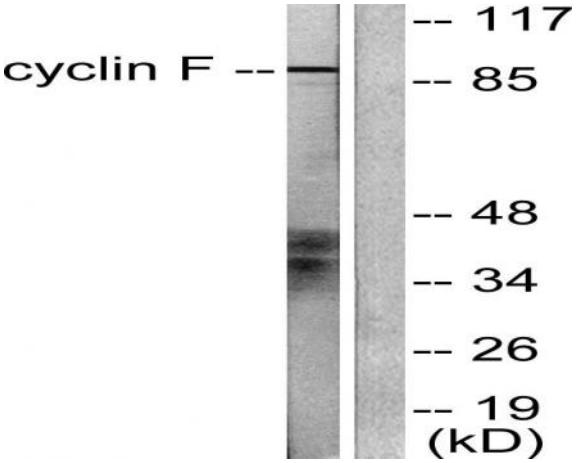
Products Images



Western Blot analysis of various cells using Cyclin F Polyclonal Antibody diluted at 1:500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Cyclin F Antibody. The picture on the right is blocked with the synthesized peptide.



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