

Cyclin F Antibody

Catalog No: #33352

Package Size: #33352-1 50ul #33352-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

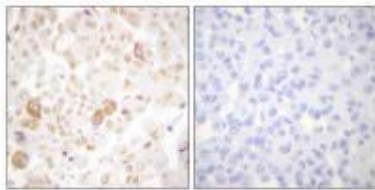
Product Name	Cyclin F Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Cyclin F protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Cyclin F.
Target Name	Cyclin F
Other Names	FBX1; FBXO1; F-box only protein 1;
Accession No.	Swiss-Prot: P41002NCBI Gene ID: 899
SDS-PAGE MW	88kd
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

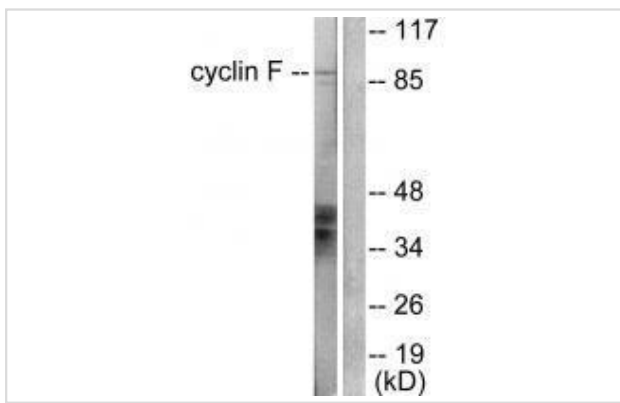
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

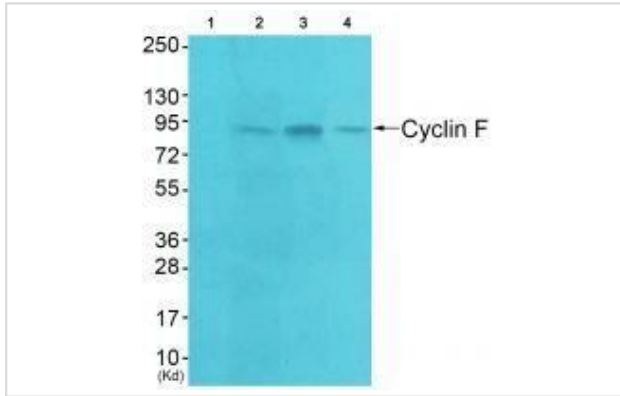
Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Cyclin F antibody #33352.



Western blot analysis of extracts from HeLa cells, using Cyclin F antibody #33352.



Western blot analysis of extracts from HeLa cells (Lane 2), A549 cells (Lane 3) and HepG2 cells (Lane 4), using Cyclin F antibody #33352. The lane on the left is treated with synthesized peptide.

Background

Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of CP110 during G2 phase, thereby acting as an inhibitor of centrosome reduplication.

Tsz Kan Fung, J. Biol. Chem., Sep 2002; 277: 35140 - 35149.

Michael T. Tetzlaff, Mol. Cell. Biol., Mar 2004; 24: 2487 - 2498.

Cain H. Yam, Mol. Cell. Biol., Jan 1999; 19: 635 - 645.

Michael T. Tetzlaff, PNAS, Mar 2004; 101: 3338 - 3345.

Published Papers

el et al., Longikaurin A, a natural ent-kaurane, induces G2/M phase arrest via downregulation of Skp2 and apoptosis induction through ROS/JNK/c-Jun pathway in hepatocellular carcinoma cells. In Cell Death Dis on 2014 Mar 20 by Y-J Liao, H-Y Bai et al.. PMID:24651440 , , (2014)

[PMID:24651440](https://pubmed.ncbi.nlm.nih.gov/24651440/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.