Anti-Phospho-Cofilin (Tyr139) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108913

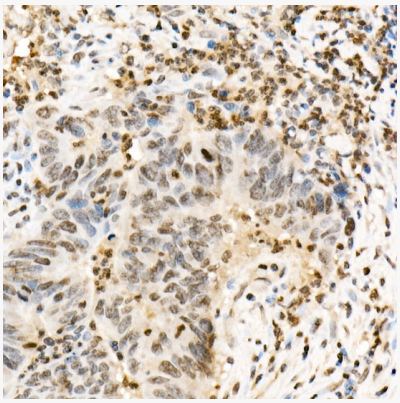
Product Information

Application	IHC-P, ELISA
Reactivity	Human, Mouse, Rat
Dilution	IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around Y139 of human Phospho-CFL1-Y139 (NP_005498.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-Cofilin (Tyr139) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

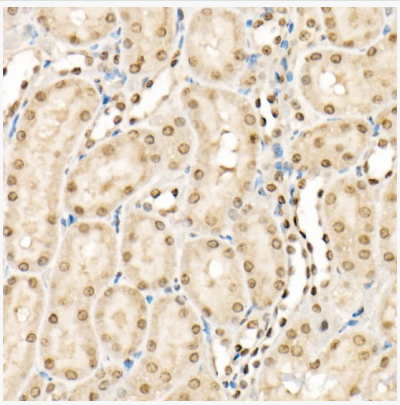
Protein Information

Synonyms	CFL; CFL1; cofilin; HEL-S-15; Phospho-CFL1-Y139.
Calculated MW	Calculated MW: 19 kDa; Observed MW: Refer to figures
Uniprot ID	P23528
Gene ID	1072
Background	The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH-dependent manner. Increased phosphorylation of this protein by LIM kinase aids in Rho-induced reorganization of the actin cytoskeleton. Cofilin is a widely distributed intracellular actin-modulating protein that binds and depolymerizes filamentous F-actin and inhibits the polymerization of monomeric G-actin in a pH-dependent manner. It is involved in the translocation of actin-cofilin complex from cytoplasm to nucleus.

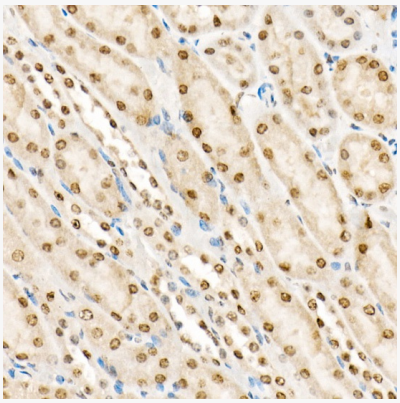
Validation Images



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Phospho-CFL1-Y139 Rabbit pAb (P108913) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Phospho-CFL1-Y139 Rabbit pAb (P108913) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using Phospho-CFL1-Y139 Rabbit pAb (P108913) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.