Anti-LKB1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P105216

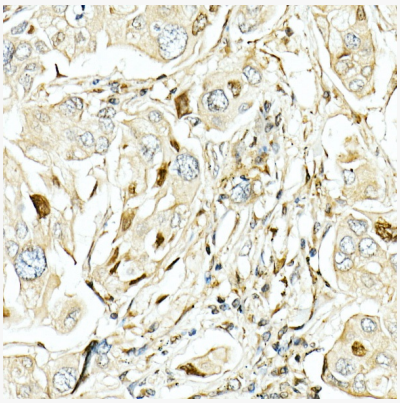
Product Information

Application	WB, IF (Cell)/ICC, IHC-P, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:5000; IF 1:50~1:200; IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 134-433 of human LKB1 (NP_000446.1).
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-LKB1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

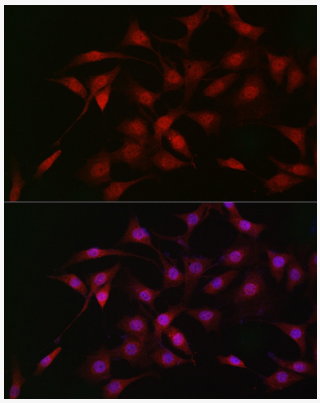
Protein Information

Synonyms	PJS; LKB1; hLKB1.
Calculated MW	Calculated MW: 49 kDa; Observed MW: 49-60 kDa
Uniprot ID	Q15831
Gene ID	6794
Background	The protein encoded by this gene is a serine/threonine kinase that regulates cell polarity and energy metabolism and functions as a tumor suppressor. Mutations in this gene have been associated with the autosomal dominant Peutz-Jeghers syndrome, as well as with skin, pancreatic, and testicular cancers.

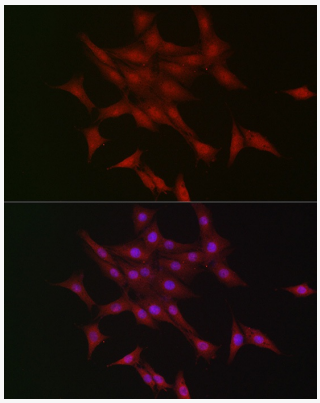
Validation Images



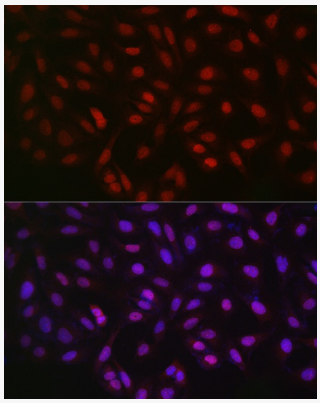
Immunohistochemistry analysis of paraffin-embedded Human lung cancer using LKB1 Rabbit pAb (P105216) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



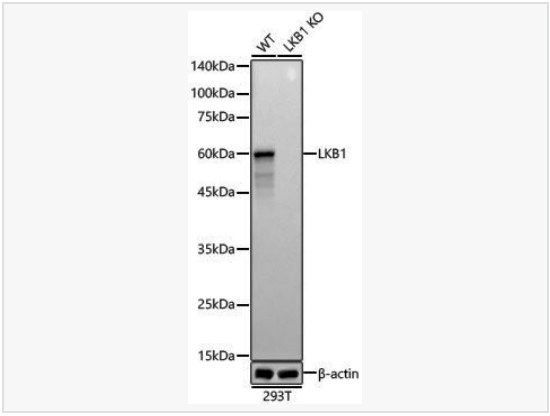
Immunofluorescence analysis of NIH/3T3 cells using LKB1 Rabbit pAb (P105216) at dilution of 1:50 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



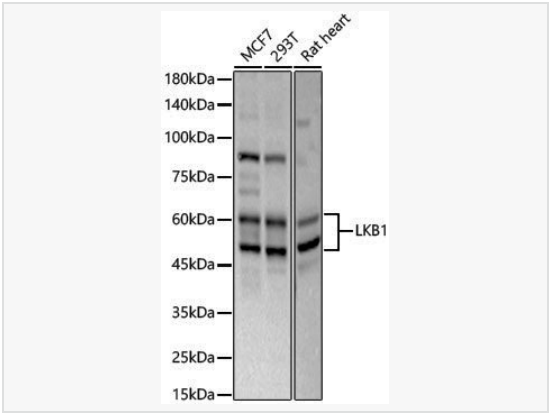
Immunofluorescence analysis of PC-12 cells using LKB1 Rabbit pAb (P105216) at dilution of 1:50 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



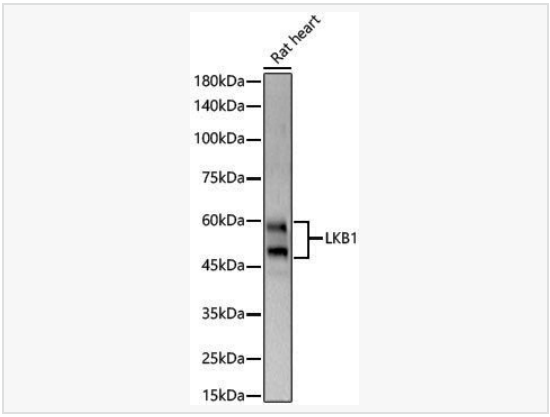
Immunofluorescence analysis of U2OS cells using LKB1 Rabbit pAb (P105216) at dilution of 1:50 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates, using [KO Validated] LKB1 Rabbit pAb (P105216) at 1:7,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 60s.



Western blot analysis of various lysates, using LKB1 Rabbit pAb (P105216) at 1:600 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 30s.



Western blot analysis of lysates from Mouse heart, using LKB1 Rabbit pAb (P105216) at 1:600 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 30s.