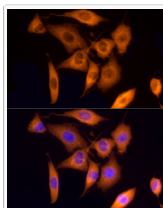
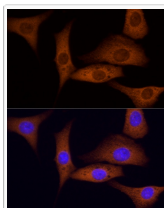


Anti-ROCK2 antibody (1109-1388) (STJ27665)

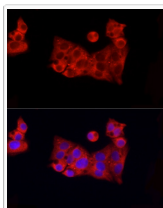
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 161kDa Observed Mw: 161kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
TARGET INFORMATION	
Gene ID	9475
Gene Symbol	ROCK2
UniProt ID	ROCK2_HUMAN
Immunogen Region	1109-1388
Immunogen Sequence	LDSKDSIEQLRSQQLALHI GLDSSSIGSGPGDAEADDGF PESRLEGWLSLPVRNNTKKF GWVKKYVIVSSKKILFYDSE QDKEQSNPYMVLIDKLFHV RPTQTQDVYRADAKEIPRIF QILYANEGESKKEQEFVPEP VGEKSNYICHKGHEFIPTLY HFPTNCEACMKPLWHMFKPP PALECRRHCHIKCHKDHMDKK EEIAPCKVYYDISTAKNLL LLANSTEEQQKWVSRVKK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1109-1388 of human ROCK2 (NP_004841.2).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



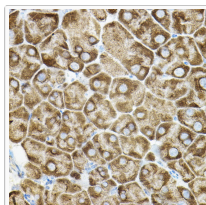
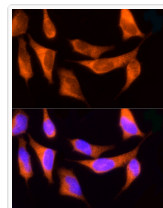
Immunofluorescence analysis of PC-12 cells using ROCK2 Rabbit polyclonal antibody (STJ27665) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



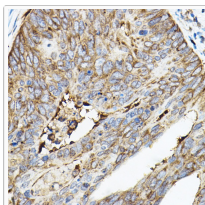
Immunofluorescence analysis of NIH/3T3 cells using ROCK2 Rabbit polyclonal antibody (STJ27665) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



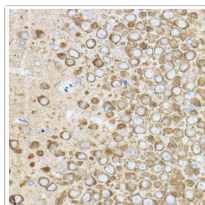
Immunofluorescence analysis of HepG2 cells using ROCK2 Rabbit polyclonal antibody (STJ27665) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



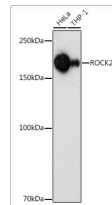
Immunofluorescence analysis of HeLa cells using ROCK2 Rabbit polyclonal antibody (STJ27665) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



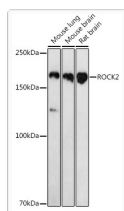
Immunohistochemistry analysis of paraffin-embedded mouse pancreas using ROCK2 Rabbit polyclonal antibody (STJ27665) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using ROCK2 Rabbit polyclonal antibody (STJ27665) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat brain using ROCK2 Rabbit polyclonal antibody (STJ27665) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using ROCK2 antibody (STJ27665) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.