STK39 Rabbit mAb

Catalog No.: A2275 Recombinant 1 Publications



Basic Information

Observed MW

68kDa

Calculated MW

59kDa

Category

Primary antibody

Applications

WB,IF/ICC,IF-P,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1896

WB

Background

This gene encodes a serine/threonine kinase that is thought to function in the cellular stress response pathway. The kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. The catalytically active kinase specifically activates the p38 MAP kinase pathway, and its interaction with p38 decreases upon cellular stress, suggesting that this kinase may serve as an intermediate in the response to cellular stress.

Swiss Prot

Q9UEW8

Recommended Dilutions

IF/ICC	1:100 - 1:400
IF-P	1:100 - 1:400
IHC-P	1:100 - 1:1000
ELISA	Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

1:1000 - 1:6000

sensitive. **Synonyms**

Immunogen

Gene ID

27347

DCHT; PASK; SPAK; Ste 20 related kinase; STK39

Immunogen Information

Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Recombinant protein (or fragment). This information is considered to be commercially

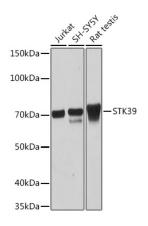
Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Contact

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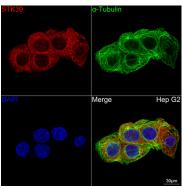


Western blot analysis of various lysates using STK39 Rabbit mAb (A2275) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane.

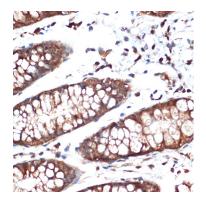
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

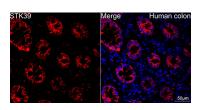
Exposure time: 10s.



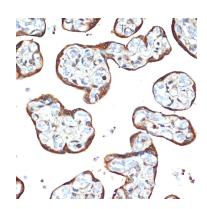
Confocal imaging of Hep G2 cells using STK39 Rabbit mAb (A2275,at dilution of 1:100) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). DAPI was used for nuclear staining (blue). Objective: 100x.



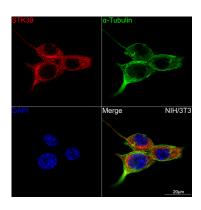
Immunohistochemistry analysis of paraffinembedded Human colon using STK39 Rabbit mAb (A2275) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of human colon using STK39 Rabbit mAb (A2275,at dilution of 1:100) (Red). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.



Immunohistochemistry analysis of paraffinembedded Human placenta using STK39 Rabbit mAb (A2275) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of NIH/3T3 cells using STK39 Rabbit mAb (A2275,at dilution of 1:100) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.