Anti-ASCC2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015510

Product Information

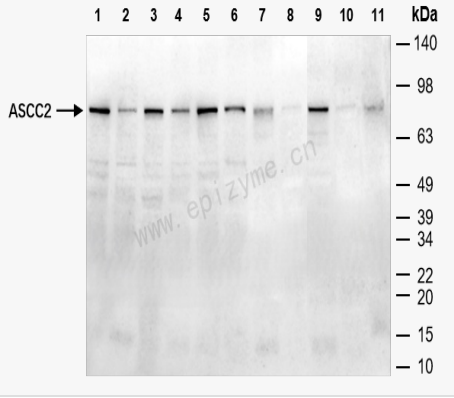
Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	79S55K29
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ASCC2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% 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-ASCC2 Rabbit mAb [79S55K29] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	1700011I11Rik; 2610034L15Rik; Activating signal cointegrator 1 complex subunit 2; AI482016; ASC 1 complex subunit p100; ASC-1 complex subunit p100; ASC1P100; ASCC 2; Ascc2; ASCC2_HUMAN; AW046480; FLJ21588; OTTMUSP00000005258; p100; RGD1561422; RP23-280J3.3; Trip4 complex subunit p100.
Calculated MW	Calculated MW: 86 kDa; Observed MW: 86 kDa
Uniprot ID	Q9H1I8, Q91WR3
Gene ID	84164, 75452, 498402
Background	Predicted to enable ubiquitin binding activity. Involved in regulation of transcription, DNA-templated; rescue of stalled ribosome; and ribosome-associated ubiquitin-dependent protein catabolic process. Located in nucleus. Part of activating signal cointegrator 1 complex. [provided by Alliance of Genome Resources, Apr 2022]
Tissue Location	Ubiquitous.

Validation Images

Immunofluorescence - Anti-ASCC2 Rabbit mAb [79S55K29]
Sample: HeLa cells
The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.
Primary antibodies: R015510 at 1:100 dilution and α-tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution
Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)
Nuclei were stained with DAPI (shown in blue).



Western Blot - Anti-ASCC2 Rabbit mAb [79S55K29]
All lanes: R015510 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: Huh1 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lane 5: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
Lane 6: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates
Lane 7: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lane 8: Mouse brain whole tissue lysates
Lane 9: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lane 10: Rat heart whole tissue lysates
Lane 11: Rat liver whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 86 kDa
Observed band size: 86 kDa
Developed using the ECL technique (Cat. No. SQ201).