

For Research Use Only

ASCC2 Recombinant antibody

Catalog Number: 86086-1-RR



Basic Information

Catalog Number: 86086-1-RR	GenBank Accession Number: BC025368	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 84164	CloneNo.: 250566D5
Source: Rabbit	UNIPROT ID: Q9H118	Recommended Dilutions: WB: 1:2000-1:10000 IHC: 1:200-1:800 IF/ICC: 1:150-1:600
Isotype: IgG	Full Name: activating signal cointegrator 1 complex subunit 2	
Immunogen Catalog Number: AG2100	Calculated MW: 757 aa, 86 kDa	
	Observed MW: 90-100 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HeLa cells, mouse brain tissue, HepG2 cells, K-562 cells, MCF-7 cells, HEK-293T cells, rat brain tissue

IHC: human colon cancer tissue,

IF/ICC: HepG2 cells,

Background Information

ASCC2, also known as ASC1p100, is a subunit of the activating signal cointegrator 1 complex. ASCC2 plays a role in DNA damage repair as a component of the ASCC complex, recruiting ASCC3 and ALKBH3 to sites of DNA damage by binding to polyubiquitinated proteins that have 'Lys-63'-linked polyubiquitin chains. Additionally, it is part of the ASC-1 complex that enhances NF-kappa-B, SRF, and AP1 transactivation (PMID: 29144457, 12077347).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

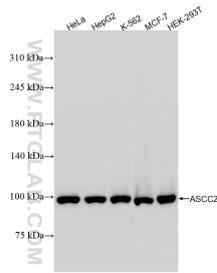
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

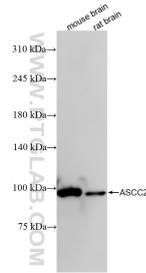
E: proteintech@ptglab.com
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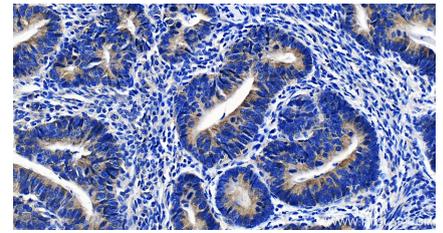
Selected Validation Data



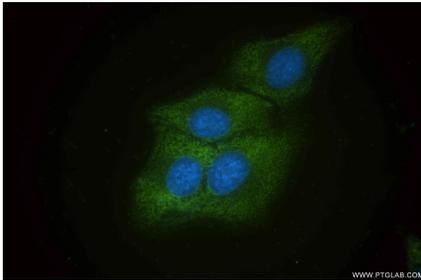
Various lysates were subjected to SDS PAGE followed by western blot with 86086-1-RR (ASCC2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 86086-1-RR (ASCC2 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using ASCC2 antibody (86086-1-RR, Clone: 250566D5) at dilution of 1:300 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).