

ARG40258 anti-ASC1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ASC1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ASC1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 282-581 of Human ASC1 (NP_057297.2).
Conjugation	Un-conjugated
Alternate Names	TRIP-4; ZC2HC5; TR-interacting protein 4; HsT17391; ASC-1; ASC1; Activating signal cointegrator 1; Thyroid receptor-interacting protein 4

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	IP	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A549, Mouse brain and Rat brain	
Observed Size	70 kDa	

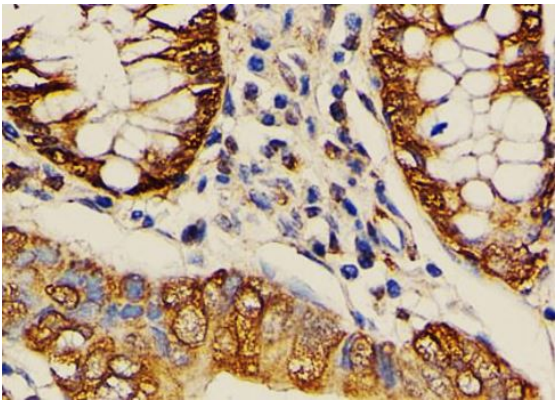
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

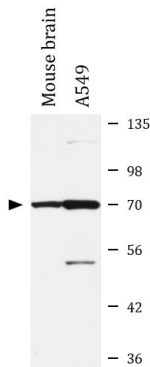
Gene Symbol	TRIP4
Gene Full Name	thyroid hormone receptor interactor 4
Function	Transcription coactivator which associates with nuclear receptors, transcriptional coactivators including EP300, CREBBP and NCOA1, and basal transcription factors like TBP and TFIIA to facilitate nuclear receptors-mediated transcription. May thereby play an important role in establishing distinct coactivator complexes under different cellular conditions. Plays a role in thyroid hormone receptor and estrogen receptor transactivation. Also involved in androgen receptor transactivation (By similarity). Plays a pivotal role in the transactivation of NF-kappa-B, SRF and AP1. Acts as a mediator of transrepression between nuclear receptor and either AP1 or NF-kappa-B. [UniProt]
Calculated Mw	66 kDa
PTM	Phosphorylated by NEK6. Polyufmylated by the UFM1-conjugating system composed of the enzymes UBA5, UFC1 and UFL1. Deufmylated by the protease UFSP2. Ufmylation of TRIP4 is promoted by ligand-bound nuclear receptors that compete with UFSP2 for interaction with TRIP4. Nuclear receptors-induced ufmylation promotes the recruitment of additional transcriptional coactivators like EP300 and NCOA1 and therefore the assembly of a coactivator complex facilitating nuclear receptor-mediated transcription. [UniProt]
Cellular Localization	Nucleus. Cytoplasm, cytosol. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Cytoplasmic under conditions of serum deprivation (PubMed:10454579). Colocalizes with NEK6 in the centrosome (PubMed:20873783). [UniProt]

Images



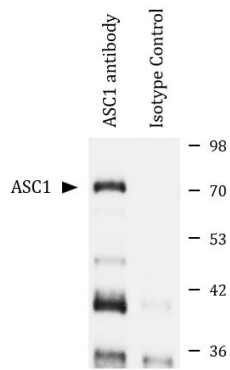
ARG40258 anti-ASC1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon carcinoma tissue stained with ARG40258 anti-ASC1 antibody at 1:100 dilution.



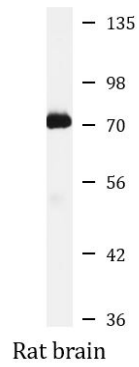
ARG40258 anti-ASC1 antibody WB image

Western blot: 25 µg of Mouse brain and A549 cell lysates stained with ARG40258 anti-ASC1 antibody at 1:1000 dilution.



ARG40258 anti-ASC1 antibody IP image

Immunoprecipitation: 200 µg extracts of A549 cells were immunoprecipitated and stained with ARG40258 anti-ASC1 antibody at 1:1000 dilution.



ARG40258 anti-ASC1 antibody WB image

Western blot: 25 µg of Rat brain lysate stained with ARG40258 anti-ASC1 antibody at 1:1000 dilution.