

ARG63634 anti-DLC1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes DLC1
Tested Reactivity	Hu, Ms
Predict Reactivity	Pig
Tested Application	ICC/IF, IHC-P
Specificity	This antibody is expected to recognise isoforms 1 and 3 (NP_872584.2 and NP_079043.3 resp) but NOT isoform 2 (NP_006085.2).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	DLC1
Species	Human
Immunogen	SVAIRKRSWEEHC
Conjugation	Un-conjugated
Alternate Names	STARD12; Rho GTPase-activating protein 7; p122-RhoGAP; START domain-containing protein 12; HP; StARD12; StAR-related lipid transfer protein 12; Rho-type GTPase-activating protein 7; DLC-1; Deleted in liver cancer 1 protein; ARHGAP7; HP protein

Application Instructions

Application table	Application	Dilution
	ICC/IF	10 µg/ml
	IHC-P	4 µg/ml
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

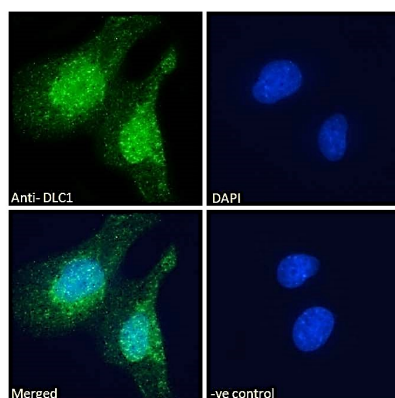
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

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 or below. 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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

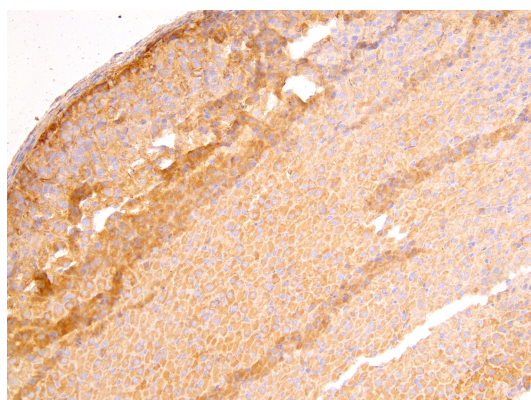
Database links	GeneID: 10395 Human GeneID: 50768 Mouse Swiss-port # Q96QB1 Human Swiss-port # Q9R0Z9 Mouse
Background	This gene encodes a GTPase-activating protein (GAP) that is a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins. GAP family proteins participate in signaling pathways that regulate cell processes involved in cytoskeletal changes. This gene functions as a tumor suppressor gene in a number of common cancers, including prostate, lung, colorectal, and breast cancers. Multiple transcript variants due to alternative promoters and alternative splicing have been found for this gene.[provided by RefSeq, Apr 2010]
Research Area	Cancer antibody; Controls and Markers antibody; Gene Regulation antibody; Signaling Transduction antibody
Calculated Mw	171 kDa

Images



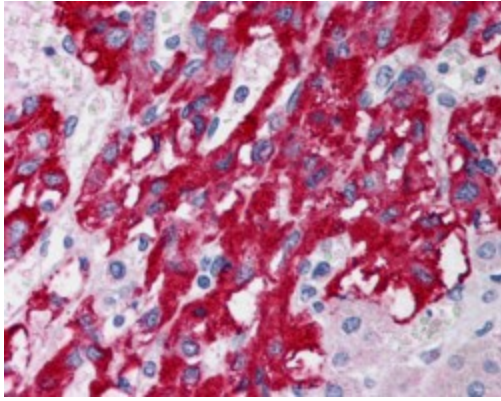
ARG63634 anti-DLC1 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed U251 cells permeabilized with 0.15% Triton. Cells were stained with ARG63634 anti-DLC1 antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



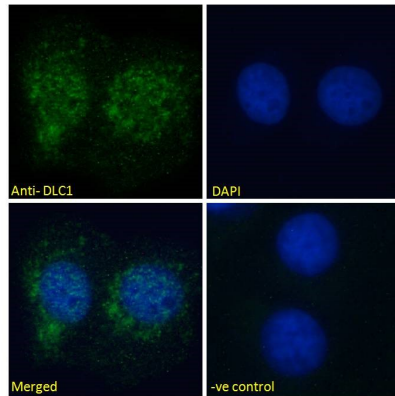
ARG63634 anti-DLC1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse adrenal gland tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). The tissue section was stained with ARG63634 anti-DLC1 antibody at 4 µg/ml dilution followed by HRP-staining.



ARG63634 anti-DLC1 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Adrenal Gland. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63634 anti-DLC1 (Isoforms 1 and 3) antibody at 5 µg/ml dilution followed by AP-staining.



ARG63634 anti-DLC1 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed U2OS cells permeabilized with 0.15% Triton. Cells were stained with ARG63634 anti-DLC1 antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.