

ARG42139 anti-EXOG / ENDOGL1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes EXOG / ENDOGL1
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	EXOG / ENDOGL1
Species	Human
Immunogen	Synthetic peptide around the C-terminus of Human EXOG / ENDOGL1. (C-KAKEQSGTQIRKP) (NP_005098.2; NP_001138936.1)
Conjugation	Un-conjugated
Alternate Names	ENGL-a; ENGL-b; ENGLA; ENGLB; Nuclease EXOG, mitochondrial; ENDOGL2; ENDOGL1; Endonuclease G-like 1; ENGL; EC 3.1.30.-; Endo G-like 1

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2 and Jurkat	
Observed Size	~ 40 kDa	

Properties

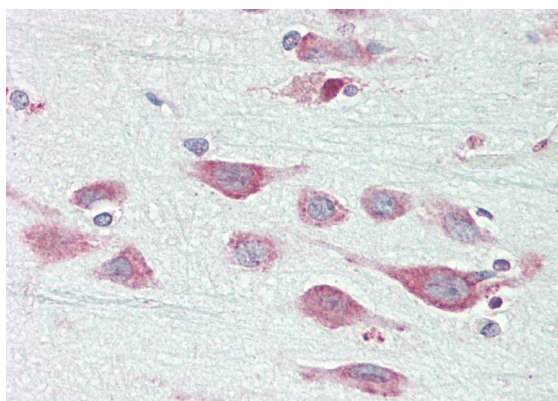
Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

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

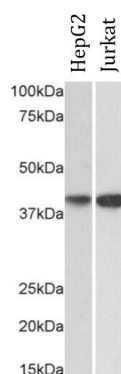
Gene Symbol	EXOG
Gene Full Name	endo/exonuclease (5'-3'), endonuclease G-like
Background	This gene encodes an endo/exonuclease with 5'-3' exonuclease activity. The encoded enzyme catalyzes the hydrolysis of ester linkages at the 5' end of a nucleic acid chain. This enzyme is localized to the mitochondria and may play a role in programmed cell death. Alternatively spliced transcript variants have been described. A pseudogene exists on chromosome 18. [provided by RefSeq, Feb 2009]
Function	Endo/exonuclease with nicking activity towards supercoiled DNA, a preference for single-stranded DNA and 5'-3' exonuclease activity. [UniProt]
Calculated Mw	41 kDa
Cellular Localization	Mitochondrion inner membrane. [UniProt]

Images



ARG42139 anti-EXOG / ENDOGL1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG42139 anti-EXOG / ENDOGL1 antibody at 5 µg/ml dilution followed by AP-staining.



ARG42139 anti-EXOG / ENDOGL1 antibody WB image

Western blot: 35 µg of HepG2 and Jurkat cell lysates (in RIPA buffer) stained with ARG42139 anti-EXOG / ENDOGL1 antibody at 0.2 µg/ml dilution and incubated at RT for 1 hour.