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Rabbit Anti-DNCLI1 antibody

SL20152R

Product Name:	DNCLI1
Chinese Name:	胞质动力蛋白轻链中间体1抗体
Alias:	Cytoplasmic dynein 1 light intermediate chain 1; cytosolic; DC1L1_HUMAN; DLC-A; DNCLI1; dync1li1; Dynein cytoplasmic 1 light intermediate chain 1; Dynein cytoplasmic light intermediate polypeptide 1; Dynein light chain A; Dynein light intermediate chain 1; Dynein light intermediate chain 1 cytosolic; FLJ10219; LIC1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500(Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	57kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DNCLI1:451-550/523
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	DNCLI1 (Cytoplasmic dynein 1 light intermediate chain 1) is a 523 amino acid protein that consists of at least 3 heavy chains, 2 intermediate chains and 8 light chains. DNCLI1 may play a role in binding Dynein heavy chain to chromosomes or membranous organelles and also may regulate Dynein enzymatic activity by associating

with heavy chains of the Dynein head.

Function:
Cytomegalovirus (CMV) is a member of the Herpes virus family. Members of this family have a characteristic virion structure. The double stranded DNA genome is contained within an icosahedral capsid which is embedded in a proteinaceous layer (tegument) and surrounded by a lipid envelope that is decorated with virus-specific glycoprotein spikes. The viral genes are co-ordinately expressed in groups at various times after infection. Early viral proteins are expressed in the nucleus of infected cells within 3 to 24 hours of infection prior to the commencement of viral DNA replication. This is followed by expression of the early intermediate genes, which encode enzymes required for viral DNA replication. After 48 to 72 hours, a number of late viral antigens may be demonstrated in the nuclei and cytoplasm of infected cells. Cytomegalovirus strain AD169 is a laboratory-adapted strain and appears to lack a 15kb region of the 200kb genome that is present in clinical isolates. This region contains 19 open reading frames whose functions have yet to be elucidated. AD169 is also unique in that it is unable to enter latency and nearly always assumes lytic growth upon infection.

SWISS:
Q9Y6G9

Gene ID:
51143

Database links:

Entrez Gene: 51143Human

Entrez Gene: 235661Mouse

Entrez Gene: 252902Rat

SwissProt: Q9Y6G9Human

SwissProt: Q8R1Q8Mouse

SwissProt: Q9QXU8Rat

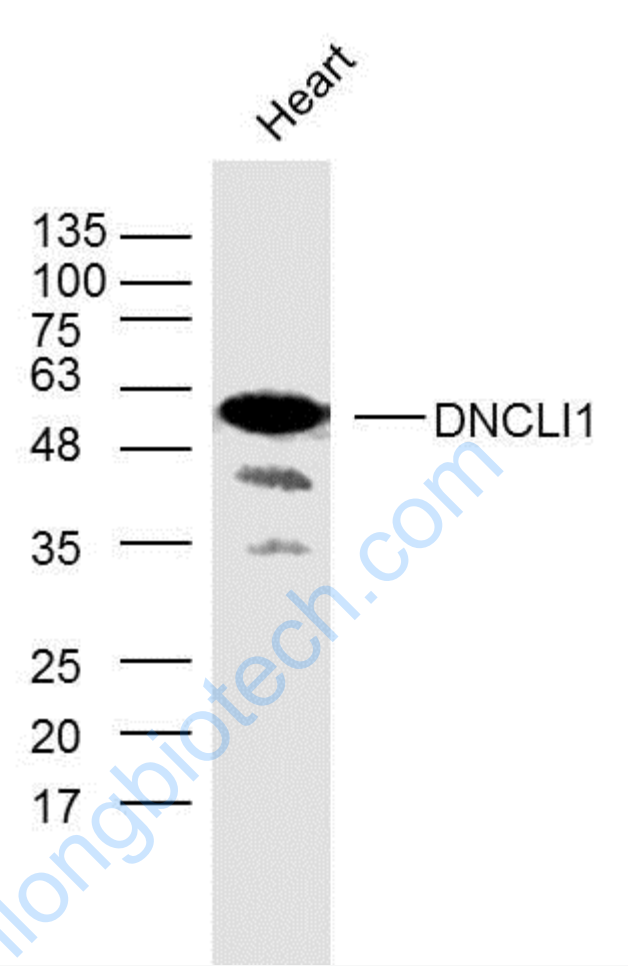
Unigene: 529495Human

Unigene: 128627Mouse

Unigene: 228621Rat

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

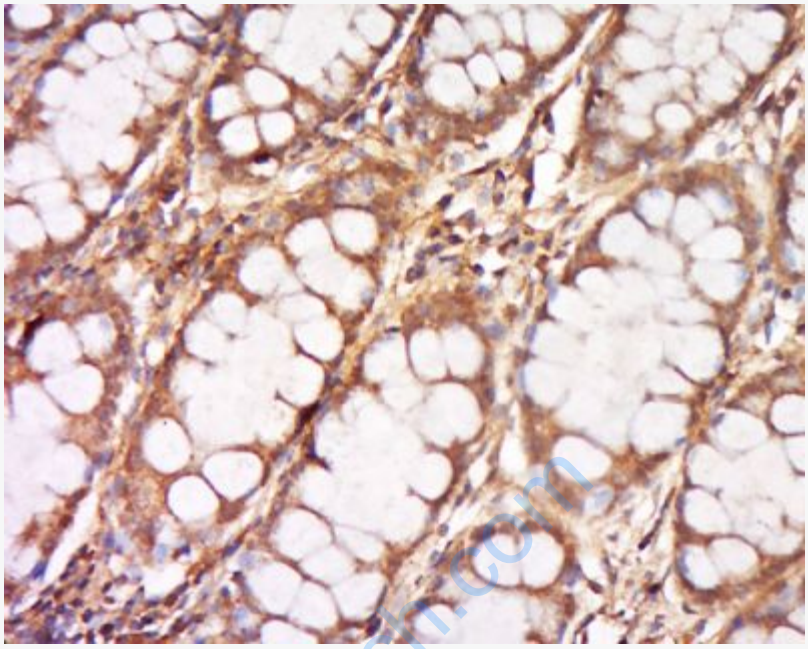
Heart (Mouse) Lysate at 40 ug

Primary: Anti- DNCLI1 (SL20152R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 57 kD

Observed band size: 57 kD



Tissue/cell: Human cervical cancer; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-DNCLI1 Polyclonal Antibody, Unconjugated(SL20152R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining