

Rabbit Anti-DCTN5 antibody

SL14308R

Product Name DCTN5

Chinese Name 动力蛋白激活蛋白 5 抗体

Alias DCTN 5; DCTN5; DCTN5_HUMAN; Dynactin 4; Dynactin 5 (p25); Dynactin subunit 5; Dynactin subunit p25; p25.

Research Area Cell biology Signal transduction Cytoskeleton

Immunogen Species Rabbit

Clonality Polyclonal

React Species Rat(predicted:Human,Mouse,Pig,Cow,Horse)

Applications IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 20kDa

Cellular localization cytoplasmic

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human DCTN5: 101-182/182

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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

PubMed [PubMed](#)

Product This gene encodes a subunit of dynactin, a component of the cytoplasmic dynein

Detail

motor machinery involved in minus-end-directed transport. The encoded protein is a component of the pointed-end subcomplex and is thought to bind membranous cargo. A pseudogene of this gene is located on the long arm of chromosome 1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]

Subcellular Location:

Cytoplasm > cytoskeleton.

Similarity:

Belongs to the dynactin subunits 5/6 family. Dynactin subunit 5 subfamily.

SWISS:

Q9BTE1

Gene ID:

84516

Database links:

[Entrez Gene: 84516](#) Human

[Entrez Gene: 59288](#) Mouse

[Entrez Gene: 308961](#) Rat

[Omim: 612962](#) Human

[SwissProt: Q9BTE1](#) Human

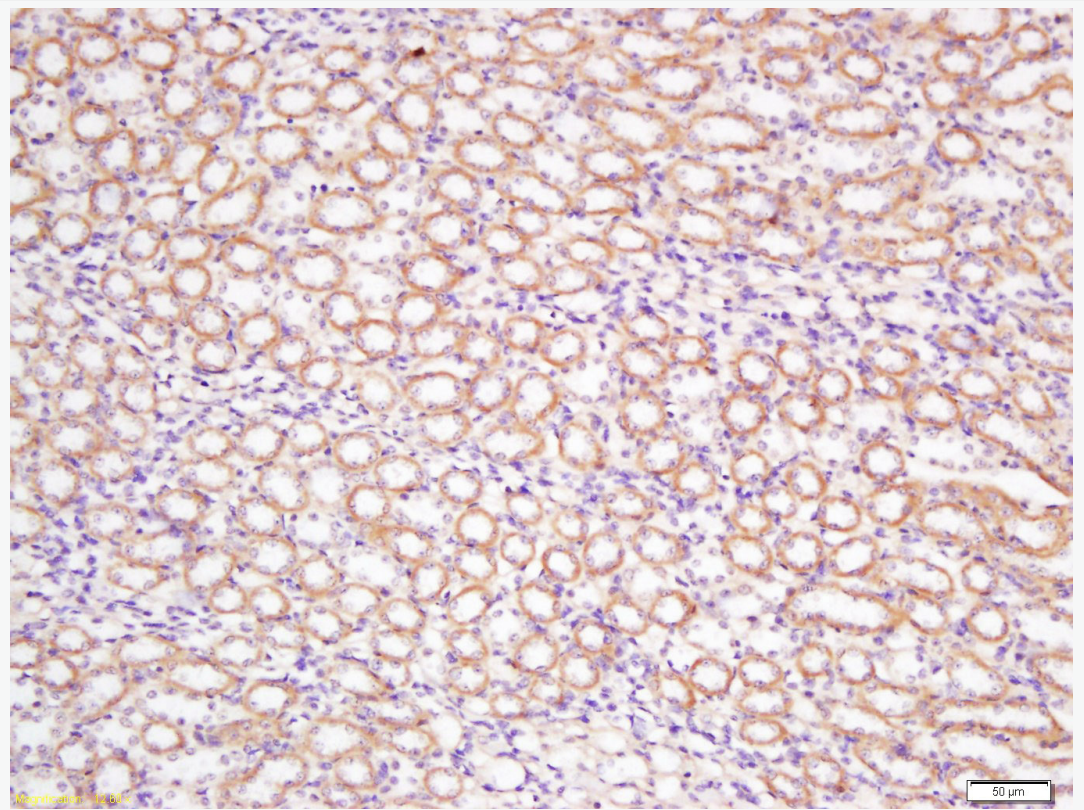
[SwissProt: Q9QZB9](#) Mouse

[Unigene: 435941](#) Human

[Unigene: 478285](#) Mouse

[Unigene: 25812](#) Rat

**Product
Picture**



Tissue/cell: rat kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (1M, 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°C for 20 min;

Incubation: Anti-DCTN5 Polyclonal Antibody, Unconjugated(SL14308R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining