SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-HLC3/Kanadaptin antibody

SL6297R

Product Name:	HLC3/Kanadaptin
Chinese Name:	肺癌癌基因蛋白3抗体
Alias:	HLC3; HLC-3; Human lung cancer oncogene 3 protein; Kanadaptin; Kidney anion exchanger adapter protein; Kidney anion exchanger adaptor protein; Lung cancer oncogene 3 protein; NADAP_HUMAN; SLC4A1AP; Solute carrier family 4 (anion exchanger) member 1 adaptor protein; Solute carrier family 4 anion exchanger member 1 adapter protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	89kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Kanadaptin:401-500/796
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 癈 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癈. 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 癈.
PubMed:	PubMed
Product Detail:	HLC-3 is a 796 amino acid protein that is widely expressed in many tissues, including kidney, lung, liver, brain and skeletal and cardiac muscle. SLC4A1AP is a multidomain

protein that localizes to the nucleus where it may play a role in signaling. SLC4A1AP was previously thought to act as an adaptor protein or chaperone involved in targeting kAE1 to the plasma membrane. However, recent studies suggest SLC4A1AP does not interact with kAE1. The gene encoding SLC4A1AP maps to chromosome 2, which consists of 237 million bases and makes up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2, including Harlequin icthyosis, sitosterolemia and Alstr鳇 syndrome.

Subcellular Location:
Nucleus. Cytoplasm. Mainly nuclear. Small amounts are found in the cytoplasm.

Tissue Specificity:
Ubiquitously expressed.

Similarity:
Contains 1 FHA domain.

SWISS:
Q9BWU0

Gene ID:
22950

Database links:

Entrez Gene: 22950 Human

Entrez Gene: 20534 Mouse

Omim: 602655 Human

SwissProt: Q9BWU0 Human

Unigene: 306000 Human

Unigene: 352407 Mouse

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