



Kanadaptin Polyclonal Antibody

Catalog No	YP-Ab-03940
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	SLC4A1AP
Immunogen	The antiserum was produced against synthesized peptide derived from human NADAP. AA range:421-470
Specificity	Kanadaptin Polyclonal Antibody detects endogenous levels of Kanadaptin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HLC 3;HLC3;Kanadaptin;SLC4A1AP;Human lung cancer oncogene 3 protein; HLC-3;Kidney anion exchanger adapter protein;Solute carrier family 4 anion exchanger member 1 adapter protein
Observed Band	85kD
Calculated Molecular Weight	85kD
Cell Pathway	Nucleus . Cytoplasm . Mainly nuclear. Small amounts are found in the cytoplasm.
Tissue Specificity	Ubiquitously expressed.
Function	caution:PubMed:15764369 initially suggested a role in targeting SLC4A1 (kidney anion exchanger 1) to the plasma membrane; it does not seem to do so as it does not interact with SLC4A1 and has no effect on SLC4A1 trafficking.,online information:Band 3 entry,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 FHA domain.,subcellular location:Mainly nuclear. Small amounts are found in the cytoplasm.,tissue specificity:Ubiquitously expressed.,



Background

caution:PubMed:15764369 initially suggested a role in targeting SLC4A1 (kidney anion exchanger 1) to the plasma membrane; it does not seem to do so as it does not interact with SLC4A1 and has no effect on SLC4A1 trafficking.,online information:Band 3 entry,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 FHA domain.,subcellular location:Mainly nuclear. Small amounts are found in the cytoplasm.,tissue specificity:Ubiquitously expressed.,

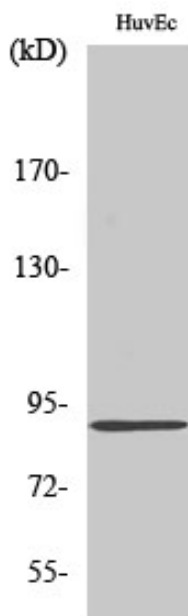
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

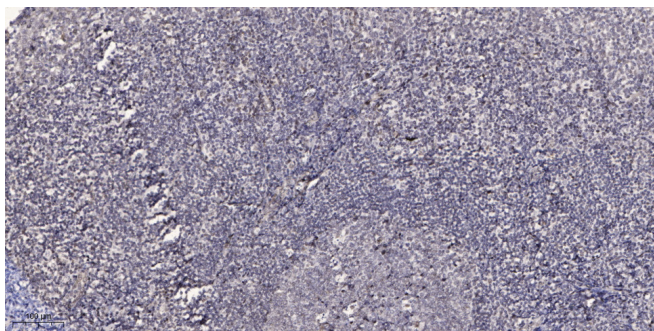
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Kanadaplin Polyclonal Antibody diluted at 1:2000

Western blot analysis of lysates from HUVEC cells, using NADAP Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).