



Kanadaptin Monoclonal Antibody

Catalog No	YP-mAb-03940
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLC4A1AP
Immunogen	The antiserum was produced against synthesized peptide derived from human NADAP. AA range:421-470
Specificity	Kanadaptin Monoclonal Antibody detects endogenous levels of Kanadaptin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
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.,

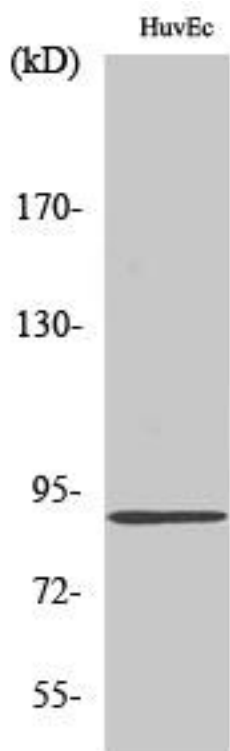
matters needing attention

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 Kanadaptin Monoclonal Antibody