

## Kanadaptin rabbit pAb

**Cat#: orb765542 (Manual)**

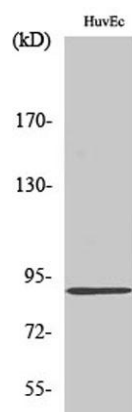
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	Kanadaptin rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	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.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NADAP. AA range:421-470
<b>Specificity</b>	Kanadaptin Polyclonal Antibody detects endogenous levels of Kanadaptin protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Kanadaptin
<b>Gene Name</b>	SLC4A1AP
<b>Cellular localization</b>	Nucleus . Cytoplasm . Mainly nuclear. Small amounts are found in the cytoplasm.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

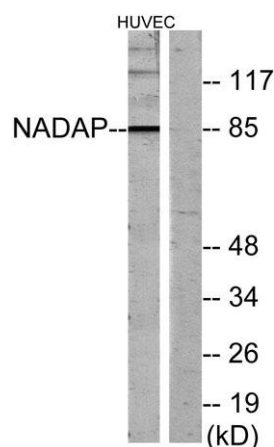
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	85kD
<b>Human Gene ID</b>	22950
<b>Human Swiss-Prot Number</b>	Q9BWU0
<b>Alternative Names</b>	SLC4A1AP; HLC3; Kanadaptin; Human lung cancer oncogene 3 protein; HLC-3; Kidney anion exchanger adapter protein; Solute carrier family 4 anion exchanger member 1 adapter protein

**Background**

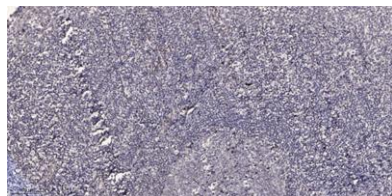
caution:PubMed:15764369 initially suggested a role in targeting SLC4A1 (kidney anion exchanger 1) to the plasma membrane; it does not seem to do so as it does not interact with SLC4A1 and has no effect on SLC4A1 trafficking.,online information:Band 3 entry,PTM:Phosphorylated upon DNA damage, probably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



**Western Blot analysis of various cells using Kanadaptin 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).**