



# GAP1-InsP4 BP rabbit pAb

Cat No.:ES2397

For research use only

## Overview

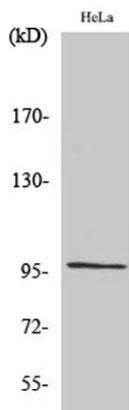
<b>Product Name</b>	GAP1-InsP4 BP rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RASA3. AA range:247-296
<b>Specificity</b>	GAP1-InsP4 BP Polyclonal Antibody detects endogenous levels of GAP1-InsP4 BP 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>	Ras GTPase-activating protein 3
<b>Gene Name</b>	RASA3
<b>Cellular localization</b>	Cell membrane.
<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>	95kD
<b>Human Gene ID</b>	22821
<b>Human Swiss-Prot Number</b>	Q14644
<b>Alternative Names</b>	RASA3; Ras GTPase-activating protein 3; GAP1(IP4BP); Ins P4-binding protein
<b>Background</b>	This gene encodes a protein that binds inositol 1,3,4,5-tetrakisphosphate and stimulates the GTPase activity of Ras p21. This protein functions as a negative regulator of the Ras signalling pathway. It is localized to the cell membrane via a pleckstrin homology (PH) domain in the C-terminal region.



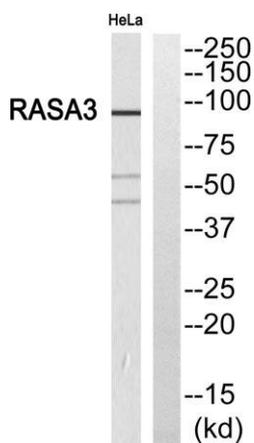


Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016],

Western Blot analysis of various cells using GAP1-InsP4 BP Polyclonal Antibody



Western blot analysis of RASA3 Antibody. The lane on the right is blocked with the RASA3 peptide.



Western blot analysis of the lysates from HUVECcells using RASA3 antibody.

