



# GAP1-InsP4 BP Polyclonal Antibody

<b>Catalog No</b>	BYab-14753
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	RASA3
<b>Protein Name</b>	Ras GTPase-activating protein 3
<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>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	RASA3; Ras GTPase-activating protein 3; GAP1(IP4BP); Ins P4-binding protein
<b>Observed Band</b>	95kD
<b>Cell Pathway</b>	Cell membrane.
<b>Tissue Specificity</b>	Blood,Brain,Peripheral blood,Platelet,Testis,
<b>Function</b>	function:Inhibitory regulator of the Ras-cyclic AMP pathway. Binds inositol tetrakisphosphate (IP4) with high affinity. Might be a specific IP4 receptor.,similarity:Contains 1 Btk-type zinc finger.,similarity:Contains 1 PH domain.,similarity:Contains 1 Ras-GAP domain.,similarity:Contains 2 C2 domains.,
<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],

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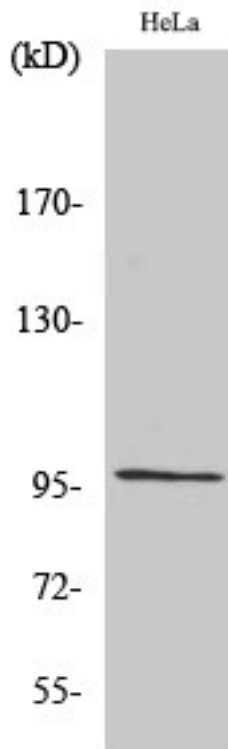
**matters needing attention**

Avoid repeated freezing and thawing!

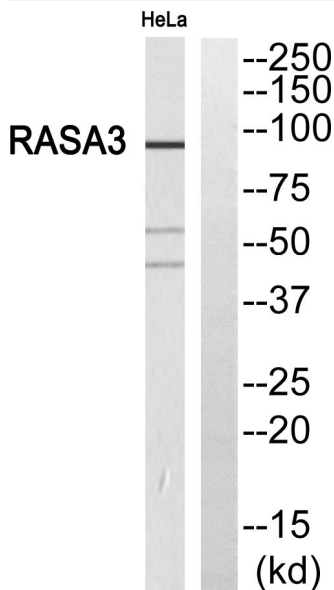
**Usage suggestions**

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

## Products Images

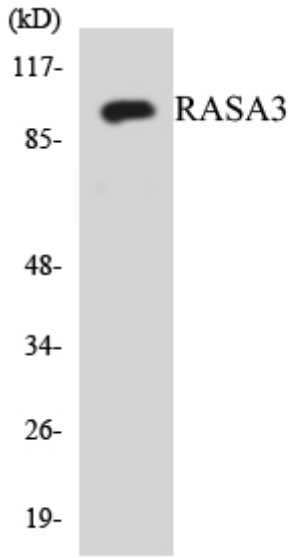


Western Blot analysis of various cells using GAP1-InsP4 BP Polyclonal Antibody



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

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Western blot analysis of the lysates from HUVEC cells using RASA3 antibody.