

## Rab 3 GAP p150 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP07541
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RAB3GAP2. AA range:417-466
<b>Mol wt</b>	155985
<b>Species reactivity</b>	Human, Mouse, Rat, Monkey
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Rab 3 GAP p150 Antibody
<b>Synonyms</b>	RAB3GAP2; KIAA0839; Rab3 GTPase-activating protein non-catalytic subunit; RGAP-iso; Rab3 GTPase-activating protein 150 kDa subunit; Rab3-GAP p150; Rab3-GAP150; Rab3-GAP regulatory subunit

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

RAB3 GTPase activating non-catalytic protein subunit 2 encoded by RAB3GAP2 belongs to the RAB3 protein family, members of which are involved in regulated exocytosis of neurotransmitters and hormones. RAB3 GTPase activating non-catalytic protein subunit 2 forms the Rab3 GTPase-activating complex with RAB3GAP1, where it constitutes the regulatory subunit, whereas the latter functions as the catalytic subunit. RAB3GAP2 has the highest level of expression in the brain, consistent with it having a key role in neurodevelopment. Mutations in RAB3GAP2 are associated with Martsolf syndrome.

### Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

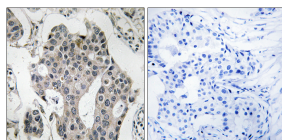
ELISA: 1: 40000

Not yet tested in other applications.

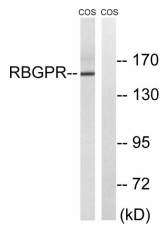
### Images



Western Blot analysis of various cells using Rab 3 GAP p150 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RAB3GAP2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS cells, using RAB3GAP2 Antibody. The lane on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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