# Rab 3 GAP p150 Polyclonal Antibody

Cat #: ABP52290          Size: 30µl /100µl /200µl

## Product Information

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| | **Product Name:** Rab 3 GAP p150 Polyclonal Antibody | | |
| | **Applications:** WB, IHC-P, ELISA | | **Isotype:** Rabbit IgG |
| | **Reactivity:** Human, Mouse, Rat, Monkey | | |
| REF | **Catalog Number:** ABP52290 | LOT | **Lot Number:** Refer to product label |
| | **Formulation:** Liquid | | **Concentration:** 1 mg/ml |
| | **Storage:** Store at -20°C. Avoid repeated freeze / thaw cycles. | ⚠ | **Note:** Contain sodium azide. |

**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.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:40000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.
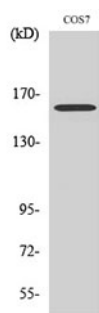
Fig. Western Blot analysis of various cells using Rab 3 GAP p150 Polyclonal Antibody.

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