

## RAC2 Polyclonal Antibody

**catalog number: E-AB-40245**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

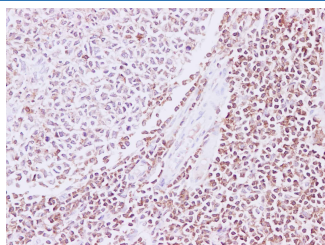
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human Ras-related C3 botulinum toxin substrate 2 protien
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Buffer</b>	PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

### Applications Recommended Dilution

<b>IHC</b>	1:50-1:200
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### Data



Immunohistochemistry of paraffin-embedded Human Tonsil tissue using RAC2 Polyclonal Antibody at dilution of 1:200

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### Background

RAC2,also named as GX,belongs to the small GTPase superfamily and Rho family. RAC2 is a plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses,such as secretory processes,phagocytose of apoptotic cells and epithelial cell polarization. RAC2 augments the production of reactive oxygen species (ROS) by NADPH oxidase. Defects in RAC2 are the cause of neutrophil immunodeficiency syndrome.

### For Research Use Only