# RAP1A Polyclonal Antibody

**catalog number:** **E-AB-13927**

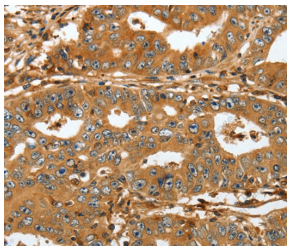
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

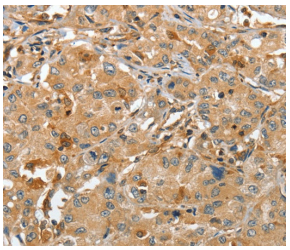
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|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | Recombinant protein of human RAP1A |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | 1:50-1:200 |

## Data



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using RAP1A Polyclonal Antibody at dilution 1:45



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using RAP1A Polyclonal Antibody at dilution 1:45

## Preparation & Storage

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

## Background

The product of this gene belongs to the family of RAS-related proteins.These proteins share approximately 50% amino acid identity with the classical RAS proteins and have numerous structural features in common.The most striking difference between RAP proteins and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins.The product of this gene counteracts the mitogenic function of RAS because it can interact with RAS GAPs and RAF in a competitive manner.Two transcript variants encoding the same protein have been identified for this gene.


Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com