

## ARHGEF9 Polyclonal Antibody

catalog number: E-AB-14610

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

### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant protein of human ARHGEF9
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

### Recommended Dilution

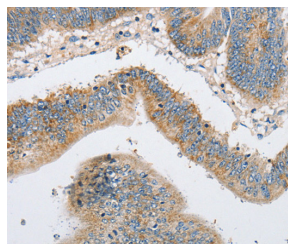
<b>WB</b>	1:1000-1:5000
<b>IHC</b>	1:50-1:200

### Data

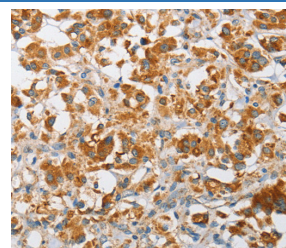


Western Blot analysis of Mouse heart and Human fetal brain tissue using ARHGEF9 Polyclonal Antibody at dilution of 1:950

Calculated-MV:61 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using ARHGEF9 Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Human thyroid cancer using ARHGEF9 Polyclonal Antibody at dilution of 1:50

### 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

### For Research Use Only

The protein encoded by this gene is a Rho-like GTPase that switches between the active (GTP-bound) state and inactive (GDP-bound) state to regulate CDC42 and other genes. Defects in this gene are a cause of startle disease with epilepsy (STHEE), also known as hyperekplexia with epilepsy. Three transcript variants encoding different isoforms have been found for this gene.