

# ZPR1 Polyclonal Antibody

Catalog Number: E-AB-18457

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

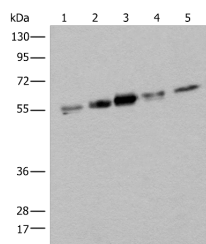
## Description

<b>Reactivity</b>	Human, Mouse
<b>Immunogen</b>	Fusion protein of human ZPR1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4

## Applications Recommended Dilution

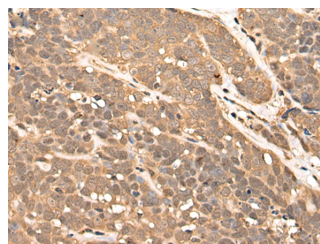
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:30-1:150
<b>ELISA</b>	1:5000-1:10000

## Data

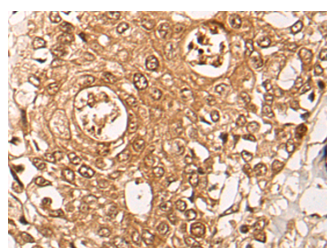


Western blot analysis of HeLa HEPG2 231 A431 and Jurkat cell lysates using ZPR1 Polyclonal Antibody at dilution of 1:400

**Observed MW: Refer to figures**  
**Calculated Mw: 51 kDa**



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ZPR1 Polyclonal Antibody at dilution of 1:40 (x200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ZPR1 Polyclonal Antibody at dilution of 1:40 (x200)

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

### For Research Use Only

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ZPR1 is a zinc finger-containing protein that is capable of binding to the intracellular tyrosine kinase domain of the epidermal growth factor receptor. Stimulation of mammalian cells with epidermal growth factor reduces ZPR1 affinity for the EGFR and leads to an accumulation of the protein in the nucleus. The ZPR1 zinc finger is necessary for its association with the EGFR.

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