

## TP53I11 Polyclonal Antibody

catalog number: **E-AB-16935**

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

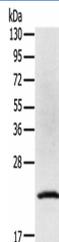
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Synthetic peptide of human TP53I11
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

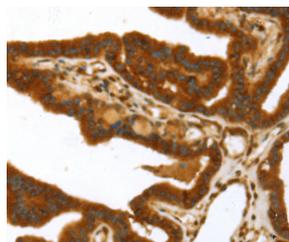
Applications	Recommended Dilution
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:25-1:100

### Data

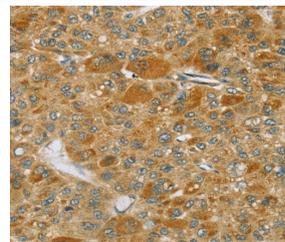


Western Blot analysis of Jurkat cell using TP53I11 Polyclonal Antibody at dilution of 1:400

**Calculated-MW:21 kDa**



Immunohistochemistry of paraffin-embedded Human thyroid cancer using TP53I11 Polyclonal Antibody at dilution of 1:40



Immunohistochemistry of paraffin-embedded Human liver cancer using TP53I11 Polyclonal Antibody at dilution of 1:40

### 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

TP53I11 is a 177 amino acid tumor suppressor belonging to the p53-induced protein gene (PIG) family. The PIG gene family encodes redox-controlling proteins that are involved in p53 tumor suppressor activity. It is suggested that PIG1 is involved in arsenic trioxide As(2)O(3)-induced apoptosis in certain cell lines and may play a significant role in tumor suppression through promotion of cell apoptosis. The gene encoding PIG1 maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome.

### For Research Use Only