

## 35-1611: Polyclonal Antibody to CPI17 Alpha (Ab-38)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	IF
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	PPP1R14A
<b>Gene ID :</b>	94274
<b>Uniprot ID :</b>	Q96A00
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CPI, CPI-17, CPI17, PP14A
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.36~40 (R-V-T-V-K) derived from Human CPI17a.

### Description

Inhibitor of PPP1CA. Has over 1000-fold higher inhibitory activity when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction.

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 17kd, Immunofluorescence: 1:100~1:200

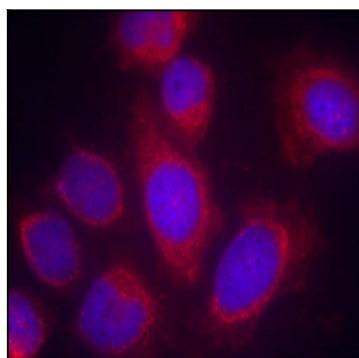


Figure 1: Immunofluorescence staining of methanol-fixed HeLa cells using CPI17a(Ab-38) Antibody 35-1611 .