

**Anti-Human Phospho-PDLIM5 (Tyr251) Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01620**

---

3th Edition

**Description:** May play an important role in the heart development by scaffolding PKC to the Z-disk region. May play a role in the regulation of cardiomyocyte expansion. Overexpression promotes the development of heart hypertrophy. Contributes to the regulation of dendritic spine morphogenesis in neurons. May restrain postsynaptic growth of excitatory synapses.

**Antigen:** Synthesized peptide derived from human PDLIM5 around the phosphorylation site of Tyr251

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Heart and skeletal muscle specific. Expression is commonly increased in the brain of patients with bipolar disorder, schizophrenia, and major depression.