

**Anti-Human ZFYVE16 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA03590**

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3th Edition

**Description:** This gene encodes an endosomal protein that belongs to the FYVE zinc finger family of proteins. The encoded protein is thought to regulate membrane trafficking in the endosome. This protein functions as a scaffold protein in the transforming growth factor-beta signaling pathway and is involved in positive and negative feedback regulation of the bone morphogenetic protein signaling pathway. Alternate splicing results in multiple transcript variants.

**Antigen:** Synthetic peptide of human ZFYVE16

**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:** Widely expressed. Highly expressed in kidney, placenta and lung. Expressed at intermediate level in heart, brain, skeletal muscle, spleen and liver. Weakly expressed in colon, thymus and peripheral blood lymphocytes.