

**Anti-Human MZB1 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA04030**

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3th Edition

**Description:** ADCYAP1 (Adenylate Cyclase Activating Polypeptide 1) is a Protein Coding gene. Diseases associated with ADCYAP1 include Persian Gulf Syndrome and Holoprosencephaly-3. Among its related pathways are Presynaptic function of Kainate receptors and Sudden Infant Death Syndrome (SIDS) Susceptibility Pathways. GO annotations related to this gene include receptor binding and signal transducer activity, downstream of receptor. An important paralog of this gene is VIP. This gene encodes a secreted proprotein that is further processed into multiple mature peptides. These peptides stimulate adenylate cyclase and increase cyclic adenosine monophosphate (cAMP) levels, resulting in the transcriptional activation of target genes. The products of this gene are key mediators of neuroendocrine stress responses. Alternative splicing results in multiple transcript variants.

**Antigen:** Synthetic peptide from human protein

**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 with highest levels in adult brain, small intestine and lymphoid tissues such as thymus and spleen. Expression is frequently lower in intestinal-type gastric cancer. In obese patients, more abundant in omental than in subcutaneous fat.