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# PDE4A Polyclonal Antibody

**Cat #:** G-AB-03283

**Host:** Rabbit **Reactivity:** Human

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
The protein encoded by this gene belongs to the cyclic nucleotide phosphodiesterase (PDE) family, and PDE4 subfamily. This PDE hydrolyzes the second messenger, cAMP, which is a regulator and mediator of a number of cellular responses to extracellular signals. Thus, by regulating the cellular concentration of cAMP, this protein plays a key role in many important physiological processes. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

**Gene ID:**

**Accession #:** NP_001104777

**Immunogen:** Synthetic peptide of human PDE4A

**Conjugation:** Unconjugated

**Swissprot:** P27815

**Calculated Molecular Weight:** 98 kDa

**Observed Molecular Weight:**

**Concentration:** 0.5 mg/mL

**Buffer:** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

**Purification Method:** Affinity purification

**Application:** WB,IHC,ELISA

**Dilution:** WB 1:500-1:2000, IHC 1:50-1:200

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.