

## CAB16121

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**Product Information**

<b>Product SKU:</b>	CAB16121	<b>Gene ID:</b>	50940	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse,Rat

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**Additional Information**

<b>Observed MW:</b>	105kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	105kDa	<b>Isotype:</b>	IgG

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**Immunogen Information**

**Background:** The 3',5'-cyclic nucleotides cAMP and cGMP function as second messengers in a wide variety of signal transduction pathways. 3',5'-cyclic nucleotide phosphodiesterases (PDEs) catalyze the hydrolysis of cAMP and cGMP to the corresponding 5'-monophosphates and provide a mechanism to downregulate cAMP and cGMP signaling. This gene encodes a member of the PDE protein superfamily. Mutations in this gene are a cause of Cushing disease and adrenocortical hyperplasia. Multiple transcript variants encoding different isoforms have been found for this gene.

**Recommended Dilution:** WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200

**Synonyms:** PPNAD2; PDE11A

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 712-933 of human PDE11A (NP\_058649.3).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.