

兔抗 IMPA1 多克隆抗体

- 中文名称：兔抗 IMPA1 多克隆抗体
- 英文名称：Anti-IMPA1 rabbit polyclonal antibody
- 别名：IMP; IMPA
- 相关类别：一抗
- 储存：冷冻（-20℃）
- 宿主：Rabbit
- 抗原：IMPA1
- 反应种属：Human, Mouse, Rat
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

技术规格

Background:	This gene encodes an enzyme that dephosphorylates myo-inositol monophosphate to generate free myo-inositol, a precursor of phosphatidylinositol, and is therefore an important modulator of intracellular signal transduction via the production of the second messengers myo-inositol 1,4,5-trisphosphate and diacylglycerol. This enzyme can also use myo-inositol-1,3-diphosphate, myo-inositol-1,4-diphosphate, scyllo-inositol-phosphate, glucose-1-phosphate, glucose-6-phosphate, fructose-1-phosphate, beta-glycerophosphate, and 2'-AMP as substrates. This enzyme shows magnesium-dependent phosphatase activity and is inhibited by therapeutic concentrations of lithium. Inhibition of inositol monophosphate hydrolysis and subsequent depletion of inositol for phosphatidylinositol synthesis may explain the anti-manic and anti-depressive effects of lithium
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	administered to treat bipolar disorder. Alternative splicing results in multiple transcript variants encoding distinct isoforms. A pseudo gene of this gene is also present on chromosome 8q21.13.
Applications:	ELISA, WB, IHC
Name of antibody:	IMPA1
Immunogen:	Fusion protein of human IMPA1
Full name:	inositol monophosphatase 1
Synonyms:	IMP; IMPA
SwissProt:	P29218
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human liver cancer and Human esophagus cancer
IHC Recommend dilution:	25-100
WB Predicted band size:	30 kDa
WB Positive control:	Human cerebrum tissue lysate
WB Recommended dilution:	500-2000



