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# DRG1 Rabbit pAb

货号: **AYP13602**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mus musculus <b>IP:</b> Mus musculus
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	40kDa
实测分子量	41kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,A-549,22Rv1,HT-29,Mouse liver,Mouse kidney,Rat liver
细胞定位	Cytoplasm
纯化	Affinity purification

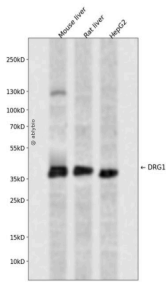
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 158-367 of human DRG 1 (NP_004138.1).
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## 靶点信息

研究背景	Catalyzes the conversion of GTP to GDP through hydrolysis of the gamma-phosphate bond in GTP. Appears to have an intrinsic GTPase activity that is stimulated by ZC3H15/DFRP1 binding likely by increasing the affinity for the potassium ions. When hydroxylated at C-3 of 'Lys-22' by JMJD7, may bind to RNA and play a role in translation. Binds to microtubules and promotes microtubule polymerization and stability that are required for mitotic spindle assembly during prophase to anaphase transition. GTPase activity is not necessary for these microtubule-related functions.
基因ID	4733
基因名	DRG1
Swiss	Q9Y295 ( <a href="https://www.uniprot.org/uniprotkb/Q9Y295/entry">https://www.uniprot.org/uniprotkb/Q9Y295/entry</a> )
别名	DRG1,NEDD3,DRG1 Rabbit pAb,Neural precursor cell expressed developmentally down-regulated protein 3,Translation factor GTPase DRG1

## 产品验证



Western blot analysis of DRG1 expressed in Mouse liver,Rat liver,HepG2 using DRG1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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