



# IMPDH2 rabbit pAb

货号	YP-Ab-18118
同位型	IgG
应用	WB
种属	Human;Mouse;Rat
靶点	IMPDH2
基因名称	IMPDH2 IMPD2
蛋白名称	Inosine-5'-monophosphate dehydrogenase 2 (IMP dehydrogenase 2) (IMPD 2) (IMPDH 2) (EC 1.1.1.205) (IMPDH-II)
免疫原	Synthesized peptide derived from human IMPDH2
特异性	This antibody detects endogenous levels of IMPDH2 at Human, Mouse,Rat
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	57kD
功能	Catalyzes the conversion of inosine 5'-phosphate (IMP) to xanthosine 5'-phosphate (XMP), the first committed and rate-limiting step in the de novo synthesis of guanine nucleotides, and therefore plays an important role in the regulation of cell growth . Could also have a single-stranded nucleic acid-binding activity and could play a role in RNA and/or DNA metabolism . It may also have a role in the development of malignancy and the growth progression of some tumors.
细胞定位	Cytoplasm . Nucleus . Cytoplasm, cytosol . Can form fiber-like subcellular structures termed 'cytoophidia' in response to intracellular guanine-nucleotide depletion. .
组织表达	IMPDH1 is the main species in normal leukocytes and IMPDH2 predominates over IMPDH1 in the tumor.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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