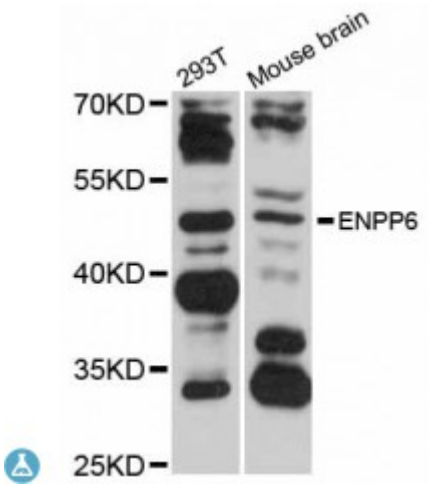
Anti-ENPP6 Antibody



Model	STJ114178
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 91-440 of human ENPP6 (NP_699174.1).
Gene ID	133121
Gene Symbol	ENPP6
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Predominantly expressed in kidney and brain, In the kidney, expressed specifically in the proximal tubules and thin descending limbs of Henle (at protein level)
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 6 E-NPP 6 NPP-6
Molecular Weight	50.241 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:23409OMIM:616983Reactome:R-HSA-6814848
Alternative Names	Ectonucleotide pyrophosphatase/phosphodiesterase family member 6 E-NPP 6 NPP-6
Function	Choline-specific glycerophosphodiester phosphodiesterase, The preferred substrate may be lysosphingomyelin , Hydrolyzes lysophosphatidylcholine (LPC) to form monoacylglycerol and phosphorylcholine but not lysophosphatidic acid, showing it has a lysophospholipase C activity, Has a preference for LPC with short (12:0 and 14:0) or polyunsaturated (18:2 and 20:4) fatty acids, Also hydrolyzes glycerophosphorylcholine and sphingosylphosphorylcholine efficiently, Hydrolyzes the classical substrate for phospholipase C, p-nitrophenyl phosphorylcholine in vitro, while it does not hydrolyze the classical nucleotide phosphodiesterase substrate, p-nitrophenyl thymidine 5'-monophosphate, Does not hydrolyze diacyl phospholipids such as phosphatidylethanolamine, phosphatidylinositol, phosphatidylserine, phosphatidylglycerol and phosphatidic acid,
Cellular Localization	Cell membrane,

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