

**ENPP6 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55056****Specification**

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**ENPP6 Polyclonal Antibody - Product Information**

Application	IHC-P, WB
Primary Accession	<a href="#">Q6UWR7</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50241

**ENPP6 Polyclonal Antibody - Additional Information****Gene ID** 133121**Other Names**

Glycerophosphocholine cholinephosphodiesterase ENPP6, GPC-Cpde, 3.1.4.-, 3.1.4.38, Choline-specific glycerophosphodiester phosphodiesterase, Ectonucleotide pyrophosphatase/phosphodiesterase family member 6, E-NPP 6, NPP-6, ENPP6 ([HGNC:23409](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=23409))

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**ENPP6 Polyclonal Antibody - Protein Information****Name** ENPP6 ([HGNC:23409](#))**Function**

Choline-specific glycerophosphodiesterase that hydrolyzes glycerophosphocholine (GPC) and lysophosphatidylcholine (LPC) and contributes to supplying choline to the cells (PubMed:[15788404](http://www.uniprot.org/citations/15788404)). Has a preference for LPC with short (12:0 and 14:0) or polyunsaturated (18:2 and 20:4) fatty acids. In vitro, hydrolyzes only choline-containing lysophospholipids, such as sphingosylphosphorylcholine (SPC), platelet- activating factor (PAF) and lysoPAF, but not other lysophospholipids (By similarity).

**Cellular Location**

Cell membrane; Lipid-anchor, GPI-anchor. Note=A small amount of the protein may be found in the extracellular milieu

**Tissue Location**

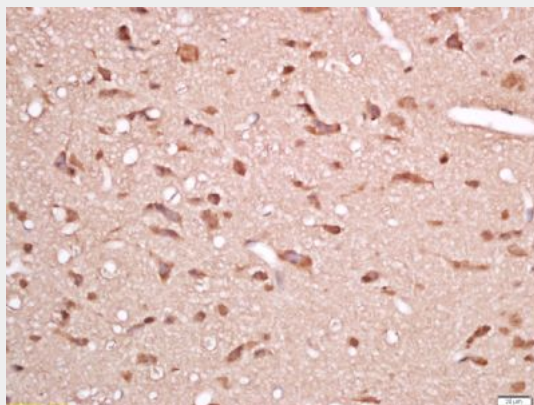
Predominantly expressed in kidney and brain. In the kidney, expressed specifically in the proximal tubules and thin descending limbs of Henle (at protein level)

### ENPP6 Polyclonal Antibody - Protocols

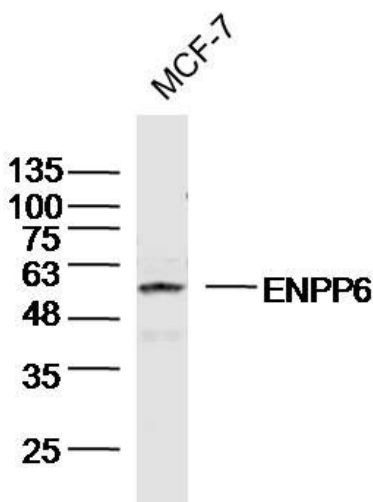
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

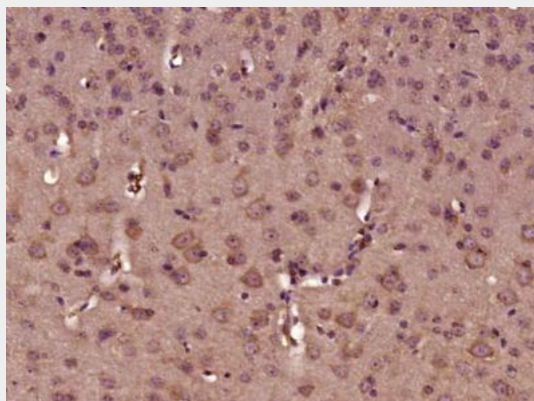
### ENPP6 Polyclonal Antibody - Images



Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti-ENPP6 Polyclonal Antibody, Unconjugated(bs-13076R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Sample: MCF-7 Cell (Human) Lysate at 40 ug  
Primary: Anti-ENPP6(bs-13076R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 46kD  
Observed band size: 50kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ENPP6) Polyclonal Antibody, Unconjugated (bs-13076R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.