

**ENPP5 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55055****Specification****ENPP5 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">Q9UJA9</a>
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse ENPP5
Epitope Specificity	101-200/477
Isotype	IgG
<b>Purity</b>	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted. Membrane.
SIMILARITY	Belongs to the nucleotide pyrophosphatase/phosphodiesterase family.
Post-translational modifications	N-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

May play a role in neuronal cell communication. Lacks nucleotide pyrophosphatase and lysopholipase D activity.

**ENPP5 Polyclonal Antibody - Additional Information****Gene ID 59084****Other Names**

Ectonucleotide pyrophosphatase/phosphodiesterase family member 5, E-NPP 5, NPP-5, 3.1.---, ENPP5 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=13717" target="\_blank">HGNC:13717</a>)

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br /><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br /><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br /><span class = "dilution\_IF">IF~~1:50~200</span><br /><span class = "dilution\_ICC">ICC~~N/A</span>

**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.

**ENPP5 Polyclonal Antibody - Protein Information**

Name ENPP5 ([HGNC:13717](#))

**Function**

Can hydrolyze NAD but cannot hydrolyze nucleotide di- and triphosphates. Lacks lysopholipase D activity. May play a role in neuronal cell communication.

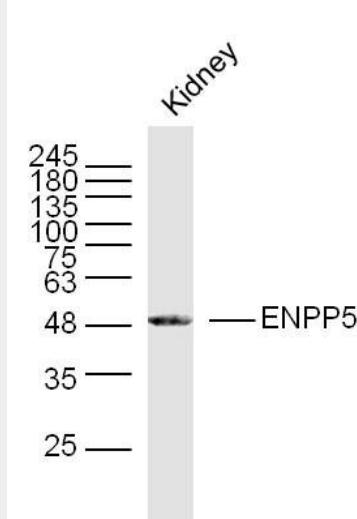
**Cellular Location**

Secreted. Membrane; Single-pass membrane protein

**ENPP5 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](#)

**ENPP5 Polyclonal Antibody - Images**

Sample: kidney (Mouse) Lysate at 40 ug

Primary: Anti-ENPP5(bs-13075R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 52 kD

Observed band size: 50 kD

