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ENPP5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55055

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	Q9UJA9
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54666
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse ENPP5
Epitope Specificity	101-200/477
Isotype	IgG
Purity	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.

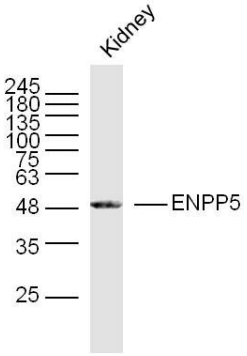
Additional Information

Gene ID	59084
Other Names	Ectonucleotide pyrophosphatase/phosphodiesterase family member 5, E-NPP 5, NPP-5, 3.1.-.-, ENPP5 (HGNC:13717)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 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.

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

Images



Sample: kidney (Mouse) Lysate at 40 ug
Primary: Anti-ENPP5(AP55055) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 52 kD
Observed band size: 50 kD