10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

P2Y9 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54719

Specification

P2Y9 Polyclonal Antibody - Product Information

Application	**IHC-P, WB**
Primary Accession	Q8BLG2
Reactivity	**Rat, Pig, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**41899**

P2Y9 Polyclonal Antibody - Additional Information

Gene ID 78134

Other Names
Lysophosphatidic acid receptor 4, LPA receptor 4, LPA-4, G-protein coupled receptor 23, P2Y purinoceptor 9, P2Y9, Purinergic receptor 9, Lpar4, Gpr23, Lpa4, P2y9

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

Storage
Store at -20 ℃ 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 ℃.

P2Y9 Polyclonal Antibody - Protein Information

Name Lpar4

Synonyms Gpr23, Lpa4, P2y9

Function
Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. Transduces a signal by increasing the intracellular calcium ions and by stimulating adenylyl cyclase activity. The rank order of potency for agonists of this receptor is 1- oleoyl- > 1-stearoyl- > 1-palmitoyl- > 1-myristoyl- > 1-alkyl- > 1- alkenyl-LPA (By similarity).

Cellular Location
Cell membrane; Multi-pass membrane protein.

P2Y9 Polyclonal Antibody - Protocols

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

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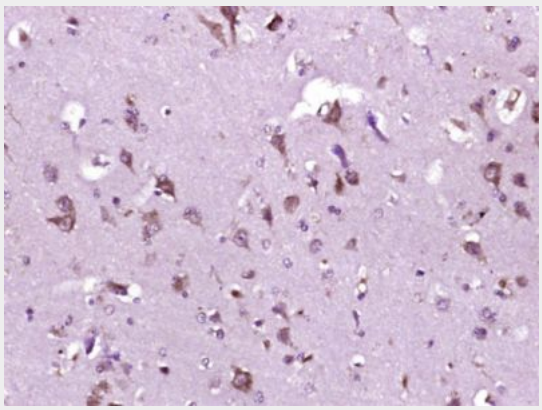
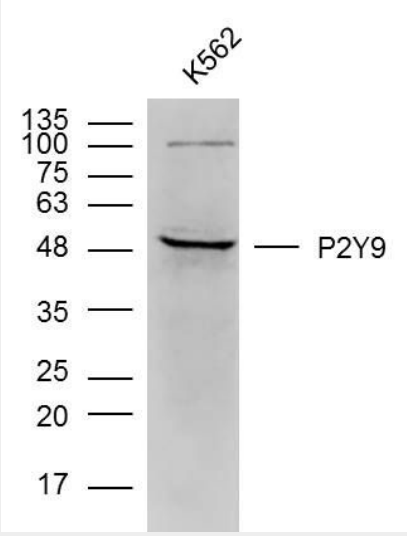
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

P2Y9 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); 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 (P2Y9) Polyclonal Antibody, Unconjugated (bs-12074R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Sample: k562 (human)cell Lysate at 40 ug
Primary: Anti- P2Y9 (bs-12074R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 42 kD
Observed band size: 48 kD

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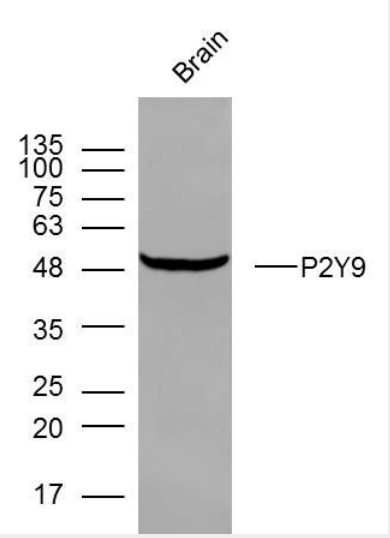
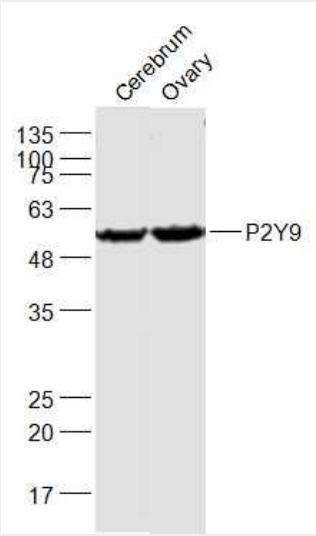


Sample: Brain (mouse) Lysate at 40 ug
Primary: Anti- P2Y9 (bs-12074R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 42 kD
Observed band size: 48 kD



Sample:
Cerebrum (Mouse) Lysate at 40 ug
Ovary (Mouse) Lysate at 40 ug
Primary: Anti-P2Y9 (bs-12074R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 42 kD
Observed band size: 57 kD

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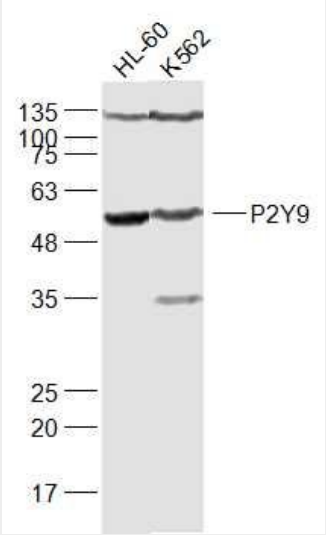
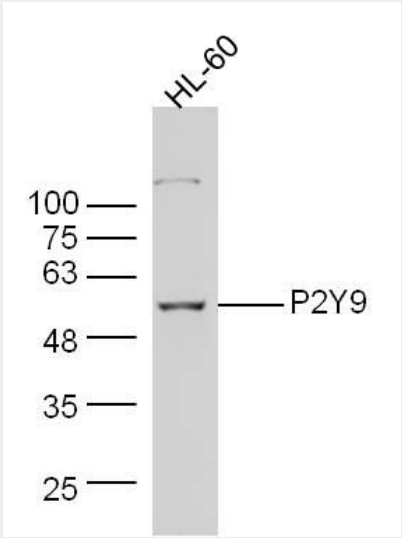


Sample:
HL-60(Human) Cell Lysate at 30 ug
K562(Human) Cell Lysate at 30 ug
Primary: Anti-P2Y9 (bs-12074R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 42 kD
Observed band size: 57 kD



Sample:
HL-60 Cell (Human) Lysate at 30 ug
Primary: Anti-P2Y9 (bs-12074R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 55 kD
Observed band size: 55 kD