

PIANP Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5185a

Specification

PIANP Antibody (N-term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	Q8IYJ0
Other Accession	Q5U2P6 , Q6P1B3 , Q95K74
Reactivity	Human, Mouse
Predicted	Monkey, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	75-103

PIANP Antibody (N-term) - Additional Information

Gene ID 196500

Other Names

PILR alpha-associated neural protein, PILR-associating neural protein, Paired immunoglobulin-like type 2 receptor-associating neural protein, PIANP, C12orf53, PANP

Target/Specificity

This C12orf53 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 75-103 amino acids from the N-terminal region of human C12orf53.

Dilution

WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50
E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PIANP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PIANP Antibody (N-term) - Protein Information

Name PIANP

Synonyms C12orf53, PANP

Function Acts as a ligand for PILRA in neural tissues, where it may be involved in immune regulation.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

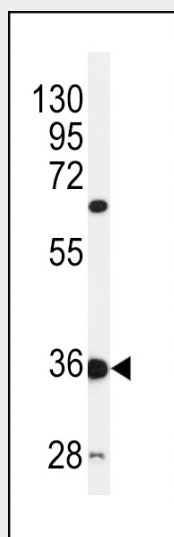
Mainly expressed in adult brain and cerebellum. Weaker expression in fetal brain and virtually no expression in spleen, heart, kidney, liver and dorsal ganglion relative to brain

PIANP Antibody (N-term) - Protocols

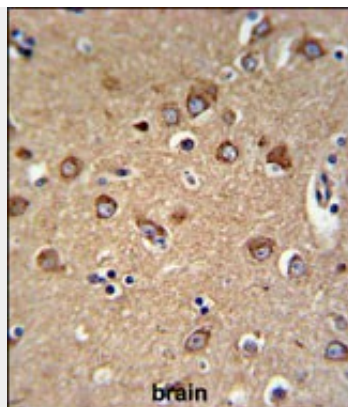
Provided below are standard protocols that you may find useful for product applications.

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

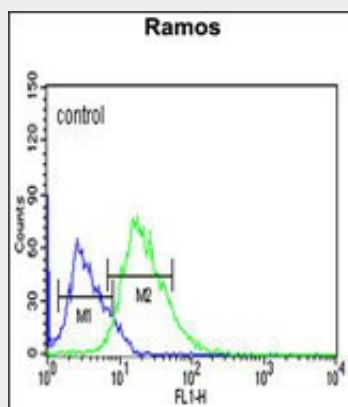
PIANP Antibody (N-term) - Images



Western blot analysis of C12orf53 Antibody (N-term) (Cat. #AP5185a) in mouse liver tissue lysates (35ug/lane).C12orf53 (arrow) was detected using the purified Pab.



C12orf53 Antibody (N-term) (Cat. #AP5185a) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the C12orf53 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



C12orf53 Antibody (N-term) (Cat. #AP5185a) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

PIANP Antibody (N-term) - Background

The function of this protein has not been specifically defined.

PIANP Antibody (N-term) - References

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)