

JPH3 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13044**Specification**

JPH3 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q8WXH2
Other Accession	NM_020655 , NP_065706
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81kDa KDa

JPH3 antibody - N-terminal region - Additional Information**Gene ID** 57338**Alias Symbol** CAGL237, FLJ44707, HDL2, JP-3, JP3, TNRC22**Other Names**

Junctophilin-3, JP-3, Junctophilin type 3, Trinucleotide repeat-containing gene 22 protein, JPH3, JP3, TNRC22

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-JPH3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

JPH3 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

JPH3 antibody - N-terminal region - Protein Information**Name** JPH3**Synonyms** JP3, TNRC22**Function**

Junctophilins contribute to the formation of junctional membrane complexes (JMCs) which link the plasma membrane with the endoplasmic or sarcoplasmic reticulum in excitable cells. Provides a structural foundation for functional cross-talk between the cell surface and intracellular calcium

release channels. JPH3 is brain- specific and appears to have an active role in certain neurons involved in motor coordination and memory.

Cellular Location

Cell membrane; Peripheral membrane protein. Endoplasmic reticulum membrane; Single-pass type IV membrane protein. Note=Localized predominantly on the plasma membrane. The transmembrane domain is anchored in endoplasmic reticulum membrane, while the N-terminal part associates with the plasma membrane (By similarity).

Tissue Location

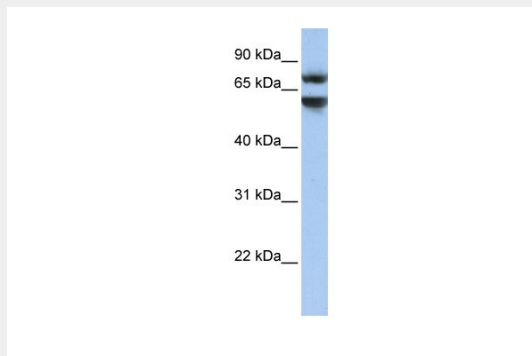
Specifically expressed in brain.

JPH3 antibody - N-terminal region - 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](#)

JPH3 antibody - N-terminal region - Images



WB Suggested Anti-JPH3 Antibody Titration: 0.2-1 μ g/ml
Positive Control: HepG2 cell lysate

JPH3 antibody - N-terminal region - References

Nishi M.,et al.Biochem. Biophys. Res. Commun. 273:920-927(2000).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Holmes S.E.,et al.Nat. Genet. 29:377-378(2001).
Stevanin G.,et al.Neurology 58:965-967(2002).
Walker R.H.,et al.Neurology 61:1002-1004(2003).