

JM4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50707

Specification

JM4 Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB, IHC
060831
Human, Mouse, Rat
Rabbit
Polyclonal
19 KDa
152-178

JM4 Antibody - Additional Information

Gene ID 11230

Antigen Region

Other Names

PRA1 family protein 2, PRAF2

Dilution

WB~~1:1000 IHC~~1:50-100

Format

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

JM4 Antibody - Protein Information

Name PRAF2

Function

May be involved in ER/Golgi transport and vesicular traffic. Plays a proapoptotic role in cerulenin-induced neuroblastoma apoptosis.

Cellular Location

Endosome membrane; Multi-pass membrane protein

Tissue Location

Strong expression in the brain, small intestine, lung, spleen, and pancreas as well as in tumor tissues of the breast, colon, lung and ovary, with a weaker expression in normal tissues of the same patient. High expression in neuroblastic tumors. Strongly expressed in Purkinje cells and more moderately in cells of the molecular and the granular layers in the cerebellum. Detected in





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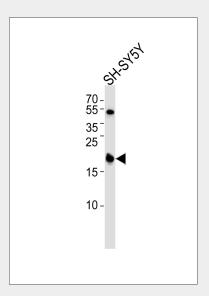
neuronal cells, but not in non-neuronal cells in the cerebral cortex, hippocampus, and lateral ventricles.

JM4 Antibody - Protocols

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

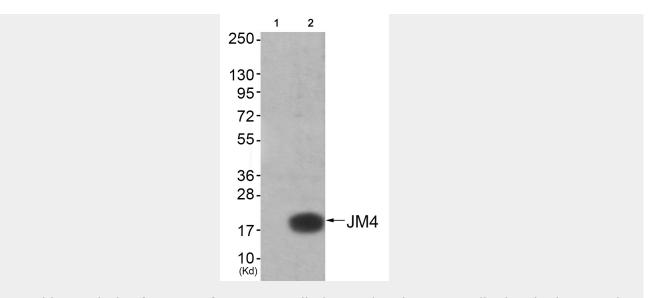
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

JM4 Antibody - Images

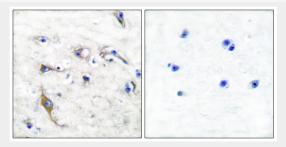


Western blot analysis of lysate from SH-SY5Y cell line, using JM4 Antibody (AP50707). AP50707 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.





Western blot analysis of extracts from A549 cells (Lane 2), using JM4 Antibody. The lane on the left is treated with systhesized peptide.



Immunohistochemical analysis of paraffin-embedded human brain tissue using JM4 antibody (#AP50707).

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JM4 Antibody - References

Strom T.M., et al. Submitted (APR-1998) to the EMBL/GenBank/DDBJ databases. Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Ota T., et al. Nat. Genet. 36:40-45(2004). Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Schweneker M., et al. FEBS Lett. 579:1751-1758(2005).