
Product Name: PRAF2 Rabbit Polyclonal Antibody**Catalog #: APRab16453**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,ELISA |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000 |
| Molecular Weight | 20kDa |

Antigen Information

| | |
|--------------------------|---|
| Gene Name | PRAF2 |
| Alternative Names | PRAF2; JM4; PRA1 family protein 2 |
| Gene ID | 11230.0 |
| SwissProt ID | O60831 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human JM4. AA range:129-178 |

Background

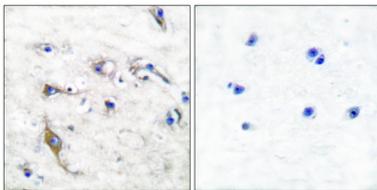
function:May be involved in ER/Golgi transport and vesicular traffic. Plays a proapoptotic role in cerulenin-induced

neuroblastoma apoptosis.,similarity:Belongs to the PRA1 family.,subunit:Interacts with CCR5 and GDE1.,tissue specificity: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 neuronal cells, but not in non-neuronal cells in the cerebral cortex, hippocampus, and lateral ventricles.,function:May be involved in ER/Golgi transport and vesicular traffic. Plays a proapoptotic role in cerulenin-induced neuroblastoma apoptosis.,similarity:Belongs to the PRA1 family.,subunit:Interacts with CCR5 and GDE1.,tissue specificity: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 neuronal cells, but not in non-neuronal cells in the cerebral cortex, hippocampus, and lateral ventricles.,

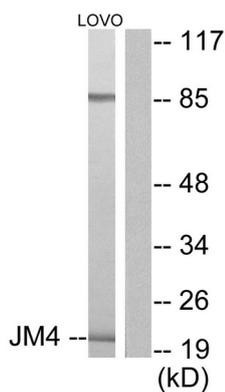
Research Area

Signal Transduction; Protein Trafficking; Vesicle Transport; Regulation

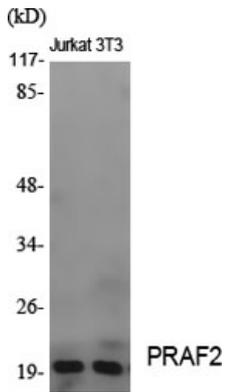
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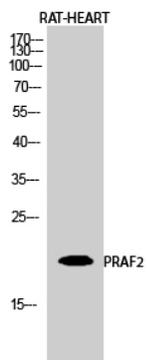
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using JM4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO cells, using JM4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PRAF2 Polyclonal Antibody diluted at 1: 2000



Western Blot analysis of RAT-HEART cells using PRAF2 Polyclonal Antibody diluted at 1: 2000