

PRAF2 Polyclonal Antibody

Catalog No :	YT3847
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	PRAF2
Gene Name :	PRAF2
Protein Name :	PRA1 family protein 2
Human Gene Id :	11230
Human Swiss Prot No :	O60831
Mouse Gene Id :	54637
Mouse Swiss Prot No :	Q9JIG8
Immunogen :	The antiserum was produced against synthesized peptide derived from human JM4. AA range:129-178
Specificity :	PRAF2 Polyclonal Antibody detects endogenous levels of PRAF2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 20kD

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.,

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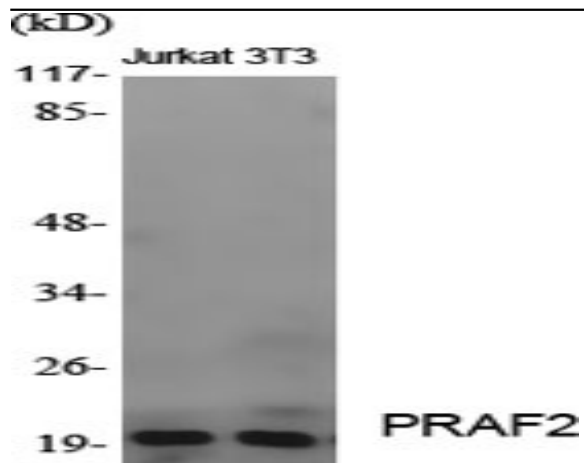
Subcellular Location :

Endosome membrane ; Multi-pass membrane protein .

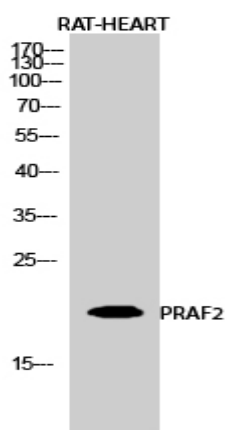
Expression :

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.

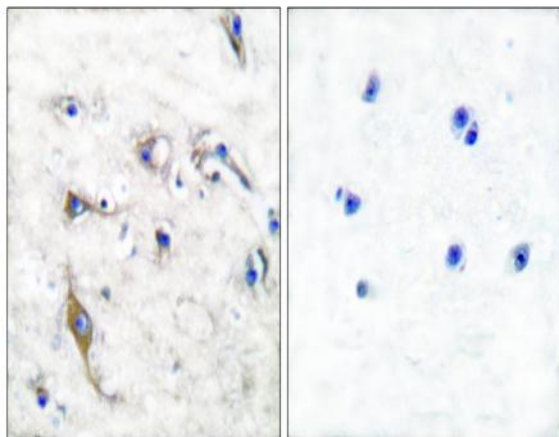
Products Images



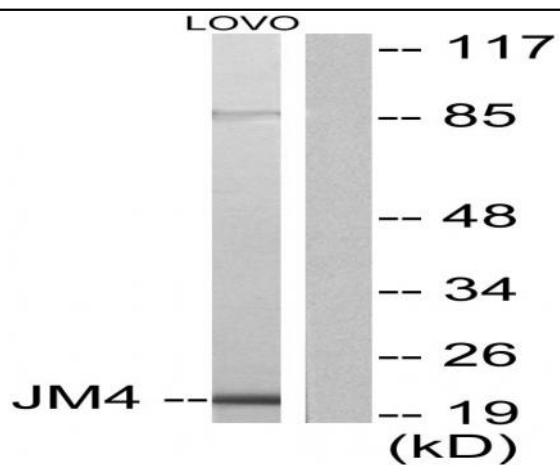
Western Blot analysis of various cells using PRAF2 Polyclonal Antibody diluted at 1:2000



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



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.