

Anti-PRAF2 Antibody

Catalog # AP59810

Product Information

Application	WB, IHC, IF/IC
Primary Accession	O60831
Reactivity	Human, Mouse, Rat, Pig, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19258

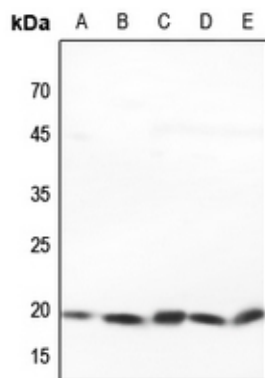
Additional Information

Gene ID	11230
Other Names	PRA1 family protein 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PRAF2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

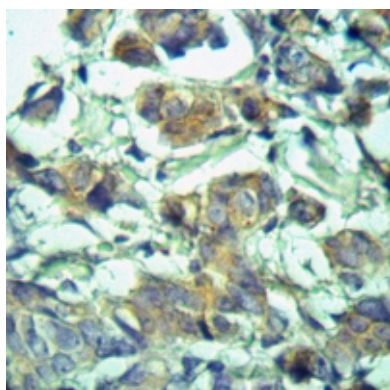
Protein Information

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

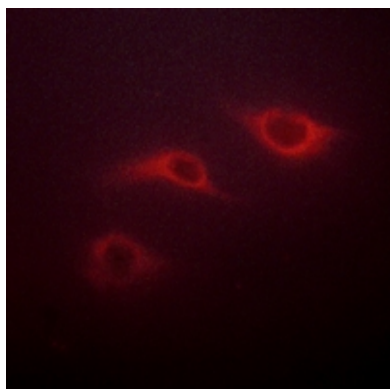
Images



Western blot analysis of PRAF2 expression in HEK293T (A), Hela (B), mouse brain (C), rat brain (D), rat lung (E) whole cell lysates. (Predicted band size: 19 kD; Observed band size: 19 kD)



Immunohistochemical analysis of PRAF2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of PRAF2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.