

PRAF2 (L166) polyclonal antibody

Catalog: BS1195

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

JM4 (Jena-Muenchen 4), also known as PRAF2 (PRA1 domain family, member 2), is a 178 amino acid endosomal multi-pass membrane protein involved in vesicular trafficking and Endoplasmic reticulum/Golgi transport. As a member of the PRA1 family, JM4 contains four putative transmembrane (TM) domains, interacts with the CC chemokine receptor 5 (CCR5) and colocalizes with Calnexin in the ER and mannose 6-phosphate receptor (CD-MPR) in the Golgi apparatus. While ubiquitously expressed, JM4 has been found at high levels in small intestine, lung, pancreas, spleen, Purkinje cells of the cerebellum and in neuronal cells of the hippocampus, cerebral cortex and lateral ventricles of the brain. JM4 plays a proapoptotic role in cerulenin-induced neuroblastoma apoptosis and has been implicated in human cancer.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 20 kDa

Swiss-Prot:

O60831

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

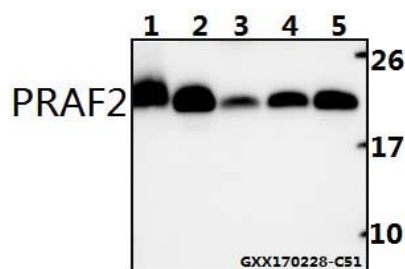
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

JM4/PRAF2 (L166) polyclonal antibody detects endogenous levels of JM4/PRAF2 protein.

DATA:



Western blot (WB) analysis of PRAF2(L166) polyclonal antibody at 1:500 dilution

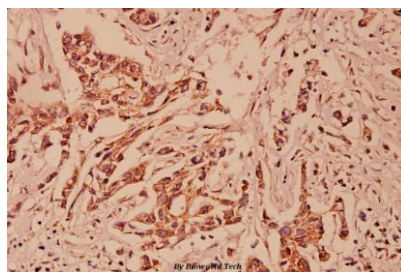
Lane1:The Brain tissue lysate of Mouse(40ug)

Lane2:The Brain tissue lysate of Rat(40ug)

Lane3:HCT116 whole cell lysate(40ug)

Lane4:A549 whole cell lysate(40ug)

Lane5:MCF-7 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of PRAF2 (L166) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

For research use only, not for use in diagnostic procedure.

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