

Product datasheet for **TA351614**

JM4 (PRAF2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human fetal brain tissue and A549 cells, hela and 293T cells IHC: 25-100 Positive control: Human breast cancer Predicted cell location: Cytoplasm or Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PRAF2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19 kDa
Gene Name:	PRA1 domain family member 2
Database Link:	NP_009144 Entrez Gene 54637 Mouse Entrez Gene 11230 Human O60831



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Background:

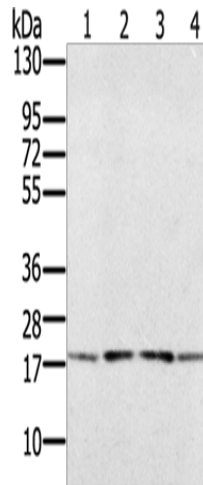
JM4 (Jena-Muenchen 4), also known as PRAF2 (PRA1 domain family, member 2), is a 178 amino acid endosomal multi-pass membrane protein involved in vesicular trafficking and Endoplasmic reticulum/Golgi transport. As a member of the PRA1 family, JM4 contains four putative transmembrane (TM) domains, interacts 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.

Synonyms:

JM4; Yip6a

Protein Families:

Transmembrane

Product images:


Gel: 12%SDS-PAGE

Lysate: 40 µg

Lane 1-4: Human fetal brain tissue

A549 cells

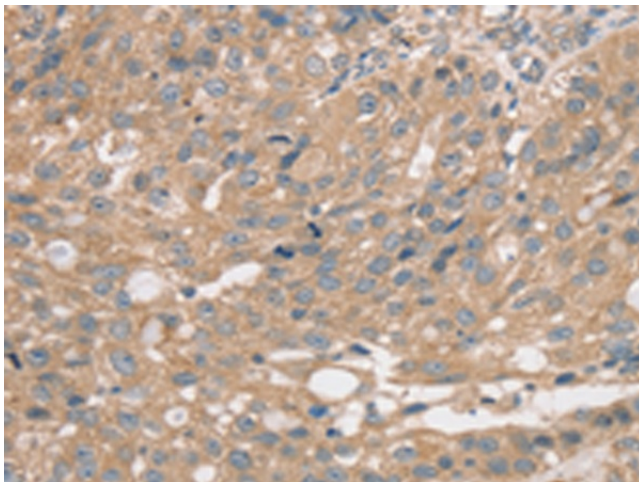
hela cells

293T cells

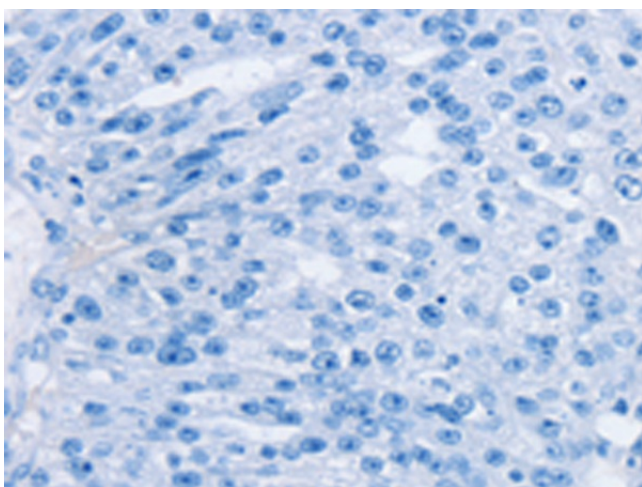
Primary antibody: TA351614 (PRAF2 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA351614 (PRAF2 Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA351614 (PRAF2 Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: $\times 200$)