

Anti-GFR Antibody

Catalog # AP51832

Product Information

Application	WB, IHC
Primary Accession	Q92565
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67733

Additional Information

Gene ID	9771
Other Names	GFR; KIAA0277; MRGEF; Rap guanine nucleotide exchange factor 5; Guanine nucleotide exchange factor for Rap1; M-Ras-regulated Rap GEF; MR-GEF; Related to Epac; Repac
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GFR. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
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

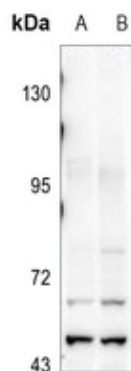
Name	RAPGEF5
Synonyms	GFR, KIAA0277, MRGEF
Function	Guanine nucleotide exchange factor (GEF) for RAP1A, RAP2A and MRAS/M-Ras-GTP. Its association with MRAS inhibits Rap1 activation.
Cellular Location	Nucleus.
Tissue Location	Widely expressed with highest levels in brain.

References

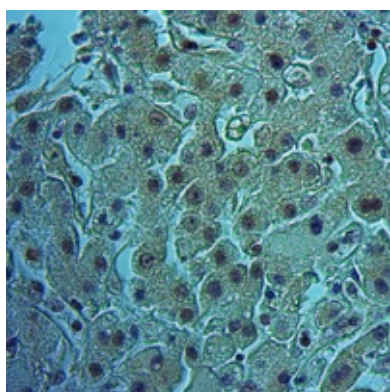
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Images



Western blot analysis of GFR expression in HEK293T (A), A549 (B) whole cell lysates. (Predicted band size: 67 kD; Observed band size: 68; 52 kD)



Immunohistochemical analysis of GFR staining in human liver 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.

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