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Anti-GPRC5D Antibody

Catalog # AP53954

Product Information

Application	WB, IF/IC
Primary Accession	Q9NZD1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38791

Additional Information

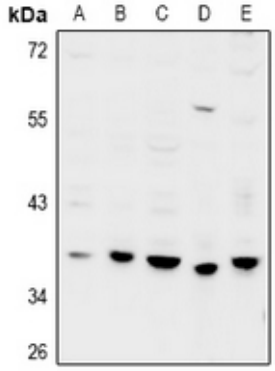
Gene ID	55507
Other Names	G-protein coupled receptor family C group 5 member D
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GPRC5D. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IF/IC~~N/A
Format	Liquid in 0.42% Potassium 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

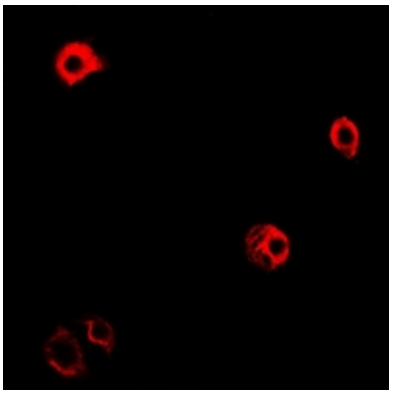
Name	GPRC5D
Function	G protein-coupled receptor involved in hard keratin expression and likely plays a role in the development of hair and nails.
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Widely expressed in the peripheral system. Expression pattern is high in pancreas, medium in kidney, small intestine, spleen and testis, low in lung, colon, leukocyte, prostate and thymus and not detectable in brain, heart, liver, placenta, skeletal muscle and ovary.

Images

Western blot analysis of GPRC5D expression in MCF7 (A),



SGC7901 (B), Panc1 (C), CT26 (D), PC12 (E) whole cell lysates. (Predicted band size: 38 kD; Observed band size: 39 kD)



Immunofluorescent analysis of GPRC5D staining in MCF7 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 hidified chamber. Cells were washed with PBST and incubated with Alexa Fluor 647-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'.