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Anti-GPR175 Antibody

Catalog # AP51583

Product Information

Application	WB, IF/IC
Primary Accession	Q86W33
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41053

Additional Information

Gene ID	131601
Other Names	GPR175; TMEM227; Transmembrane protein adipocyte-associated 1; Integral membrane protein GPR175; Transmembrane protein 227
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR175. The exact sequence is proprietary.
Dilution	WB~~ 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

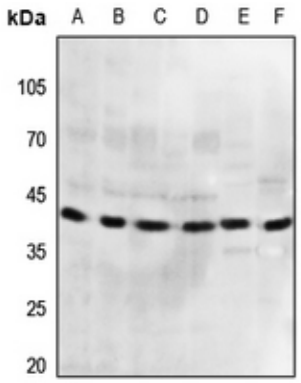
Protein Information

Name	TPRA1
Synonyms	GPR175, TMEM227
Cellular Location	Membrane; Multi-pass membrane protein.
Tissue Location	Ubiquitous, with higher levels in heart, placenta and kidney.

References

Saito T.,et al.Submitted (JAN-2000) to the EMBL/GenBank/DDBJ databases.
Wan D.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Yang H.,et al.Endocrinology 140:2859-2867(1999).

Images



Western blot analysis of GPR175 expression in Hela (A), DLD (B), H460 (C), A2780 (D), mouse brain (E), mouse heart (F) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 41 kD)

Immunofluorescent analysis of GPR175 staining in LOVO 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 a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.