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GPR55 Ab

References(1) Images(3)

Cat.#: DF2752 Concn.: ~1mg/ml Mol.Wt.: 37kDa
Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200

*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02%

sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from

date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using

SulfoLinkTM Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human GPR55, corresponding to a

region within the internal amino acids.

Uniprot: Q9Y2T6

Description: May be involved in hyperalgesia associated with inflammatory and

neuropathic pain (By similarity). Receptor for L-alpha-

lysophosphatidylinositol (LPI). LPI induces Ca(2+) release from intracellular stores via the heterotrimeric G protein GNA13 and RHOA. Putative cannabinoid receptor. May play a role in bone physiology by

regulating osteoclast number and function.



Western blot analysis of extracts from Hela cells, using GPR55 Ab. The lane on the left was treated with blocking peptide.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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