



Product datasheet

Anti-GPCR GPR55 antibody - C-terminal ab174700

★★★★★ [1 Abreviews](#) [1 Image](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-GPCR GPR55 antibody - C-terminal |
| Description | Rabbit polyclonal to GPCR GPR55 - C-terminal |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | <p>Synthetic peptide within Human GPCR GPR55 aa 245-319 (C terminal). The exact sequence is proprietary.</p> <p>Sequence:</p> <p>GFFLQFLVRNSFIVECRAKQSSISFFLQLSMCFSNVNCCLD VFCYYFVIKE FRMNIRAHGPSRVQLVLQD TTISRG</p> <p>Database link: Q9Y2T6</p> <p> Run BLAST with  Run BLAST with</p> |
| Positive control | Human prostate tissue. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | <p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine)</p> |
| Purity | Immunogen affinity purified |

| | |
|------------------|------------|
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab174700 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|----------------------------------|
| IHC-P | | Use a concentration of 10 µg/ml. |

Target

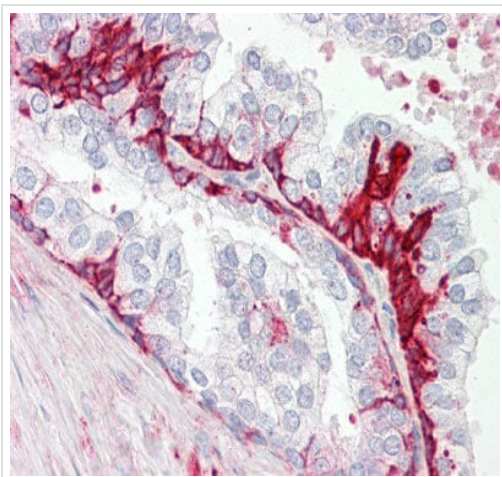
Function May be involved in hyperalgesia associated with inflammatory and neuropathic pain (By similarity). Receptor for L-alpha-lysophosphatidylinositol (LPI). LPI induces Ca(2+) release from intracellular stores via the heterotrimeric G protein GNA13 and RHOA. Putative cannabinoid receptor. May play a role in bone physiology by regulating osteoclast number and function.

Tissue specificity Expressed in the caudate nucleus and putamen, but not detected in the hippocampus, thalamus, pons cerebellum, frontal cortex of the brain or in the liver. Expressed in osteoclasts and osteoblasts.

Sequence similarities Belongs to the G-protein coupled receptor 1 family.

Cellular localization Cell membrane.

Images



Immunohistochemical analysis of formalin fixed, paraffin-embedded Human prostate tissue, labeling GPCR GPR55 with ab174700 at 10 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPCR GPR55 antibody - C-terminal (ab174700)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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