

Datasheet for ABIN213495
anti-GPR149 antibody (Cytoplasmic Domain)

2 Images

[Go to Product page](#)

Overview

| | |
|----------------------|--|
| Quantity: | 50 µg |
| Target: | GPR149 |
| Binding Specificity: | Cytoplasmic Domain |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GPR149 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (IHC) |

Product Details

| | |
|-----------------------|---|
| Brand: | IHC-plus™ |
| Immunogen: | Synthetic 16 amino acid peptide from 3rd cytoplasmic domain of human GPR149. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%), Elephant (94%), Monkey, Marmoset (88%), Bat (81%). Type of Immunogen: Synthetic peptide |
| Specificity: | Human GPR149. BLAST analysis of the peptide immunogen showed no homology with other human proteins. |
| Predicted Reactivity: | Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%) Elephant (94%) Monkey, Marmoset (88%) Bat (81%). |

Product Details

Purification: Immunoaffinity purified

Target Details

Target: GPR149

Alternative Name: GPR149 / PGR10 ([GPR149 Products](#))

Background: Name/Gene ID: GPR149

Subfamily: Orphan-U

Family: GPCR

Synonyms: GPR149, PGR10, G protein-coupled receptor 149, IEDA

Gene ID: 344758

Application Details

Application Notes: Approved: ELISA, IHC, IHC-P (20 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 20 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, less than 0.1 % sodium azide.

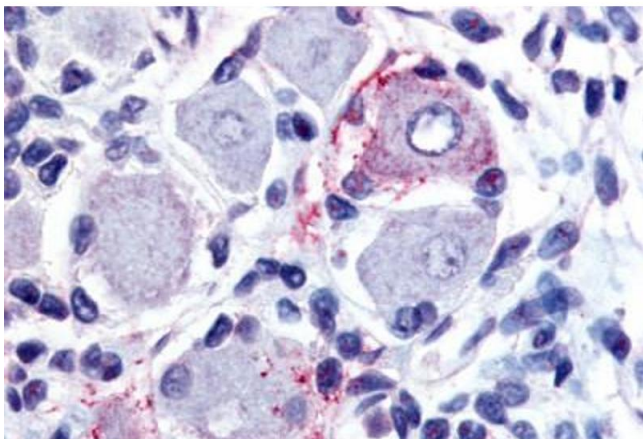
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

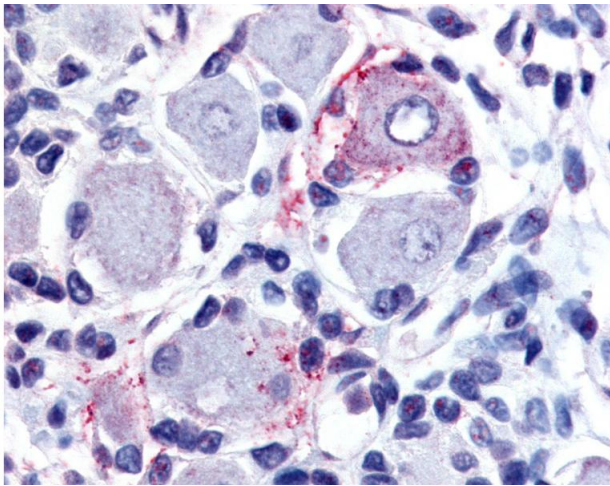
| | |
|------------------|---|
| | should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles. |
| Expiry Date: | 12 months |

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Spinal Cord, Dorsal Root Ganglion (formalin-fixed, paraffin-embedded) stained with GPR149 antibody ABIN213495 at 20 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-GPR149 antibody IHC of human spinal cord, dorsal root ganglion. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.