

Datasheet for ABIN213496
anti-GPR149 antibody (C-Term)



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2 Images

Overview

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

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 16 amino acid peptide from C-terminus of human GPR149. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%), Bovine, Dog, Elephant, Pig (94%), Bat, Panda, Rabbit, Horse (88%). 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, Marmoset (100%) Bovine, Dog, Elephant, Pig (94%) Bat, Panda, Rabbit, Horse (88%).
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: IHC, IHC-P (2.5 - 5 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 2.5-5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

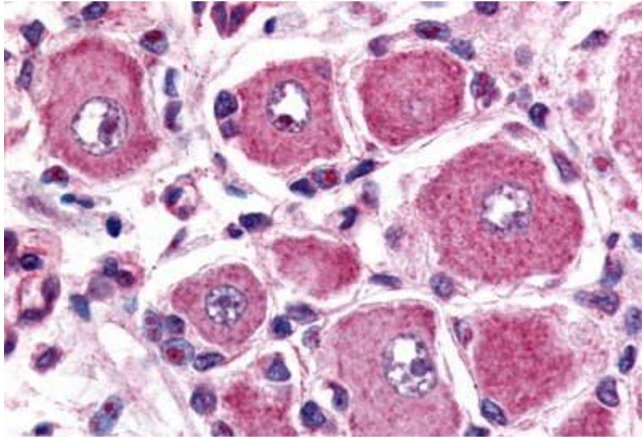
Handling

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 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.

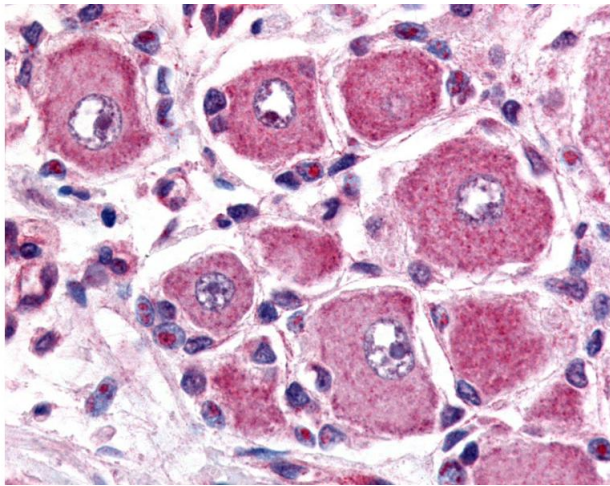
Expiry Date: 12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Spinal Cord, Dorsal Root Ganglion (formalin-fixed, paraffin-embedded) stained with GPR149 antibody ABIN213496 at 2.5-5 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.