Datasheet for ABIN213424

anti-G Protein-Coupled Receptor 12 antibody (Extracellular Domain)

2 Images

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Overview

Quantity:	50 µg
Target:	G Protein-Coupled Receptor 12 (GPR12)
Binding Specificity:	Extracellular Domain
Reactivity:	Human, Mouse, Rat, Horse, Pig, Cow, Dog, Monkey, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This G Protein-Coupled Receptor 12 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 1st extracellular domain of human GPR12 / GPCR12. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bovine, Hamster, Panda, Horse, Pig, Opossum (100%), Bat, Elephant, Rabbit (94%), Turkey, Chicken (88%), Platypus, Xenopus (81%). Type of Immunogen: Synthetic peptide
Specificity:	Human GPR12 / GPCR12. 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, Monkey, Marmoset, Mouse, Rat, Dog, Bovine, Hamster, Panda, Horse, Pig, Opossum (100%) Bat,

Product Details

	Elephant, Rabbit (94%) Turkey, Chicken (88%) Platypus, Xenopus (81%).
Purification:	Immunoaffinity purified

Target Details

Target:	G Protein-Coupled Receptor 12 (GPR12)
Alternative Name:	GPR12 (GPR12 Products)
Background:	Name/Gene ID: GPR12 Subfamily: Lysophospholipid/Lysosphingolipid Family: GPCR Synonyms: GPR12, G protein-coupled receptor 12, G-protein coupled receptor 12, GPCR12, GPCR21
Gene ID:	2835

Application Details

Application Notes:	Approved: IHC, IHC-P (10 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 10 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

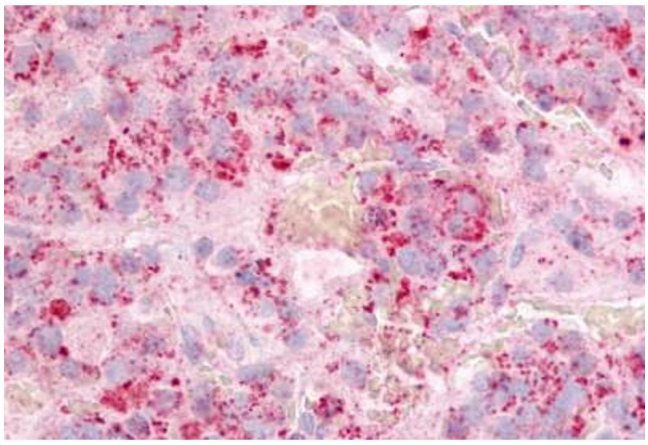
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.

Handling

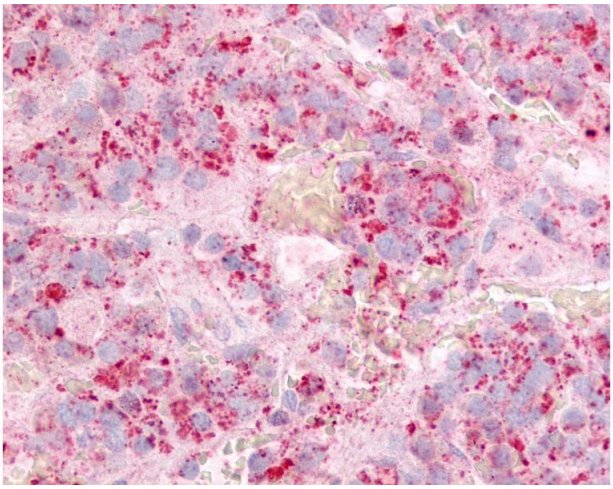
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Anterior Pituitary (formalin-fixed, paraffin-embedded) stained with GPR12 antibody ABIN213424 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-GPR12 / GPCR12 antibody IHC of human anterior pituitary. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.