

Datasheet for ABIN213376
anti-CasLTR2 antibody (Extracellular Domain)

2 Images

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Overview

Quantity:	50 µg
Target:	CasLTR2 (CYSLTR2)
Binding Specificity:	Extracellular Domain
Reactivity:	Human, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CasLTR2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (IHC)

Product Details

Brand:	IHC-plus™
Immunogen:	<p>Synthetic 17 amino acid peptide from 1st extracellular domain of human CYSLTR2 / CYSLT2.</p> <p>Percent identity with other species by BLAST analysis: Human, Gibbon, Marmoset, Horse (100%), Gorilla, Monkey, Mouse, Panda (94%), Dog, Bovine, Hamster, Elephant, Rabbit, Opossum (88%), Pig (82%).</p> <p>Type of Immunogen: Synthetic peptide</p>
Specificity:	Human CYSLTR2 / CYSLT2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GPR109B (59 %), OXGR1 (59 %), GPR81 (59 %).
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gibbon, Marmoset, Horse

Product Details

(100%) Gorilla, Monkey, Mouse, Panda (94%) Dog, Bovine, Hamster, Elephant, Rabbit, Opossum (88%) Pig (82%).

Purification: Immunoaffinity purified

Target Details

Target: CasLTR2 (CYSLTR2)

Alternative Name: CYSLT2 / CYSLTR2 ([CYSLTR2 Products](#))

Background: Name/Gene ID: CYSLTR2
Subfamily: Chemoattractant
Family: GPCR

Synonyms: CYSLTR2, CysLT(2), CYSLT2, CYSLT2R, CysLT-2, HG57, HGPCR21, KPG_011, PSEC0146, HPN321

Gene ID: 57105

Application Details

Application Notes: Approved: ELISA, 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

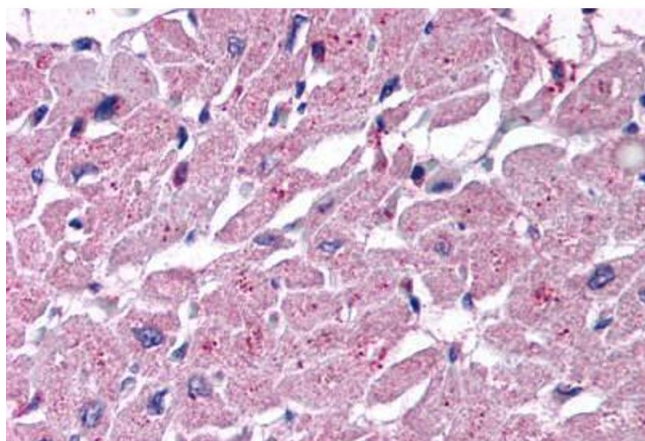
Concentration: Lot specific

Buffer: PBS, less than 0.1 % sodium azide.

Handling

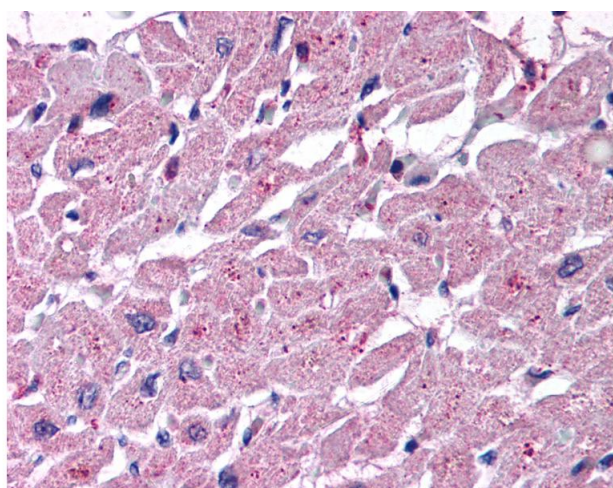
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for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

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Heart (formalin-fixed, paraffin-embedded) stained with CYSLTR2 antibody ABIN213376 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-CYSLTR2 / CYSLT2 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.