

CJ099 Rabbit Polyclonal Antibody
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Catalog # AP93323**Specification**

CJ099 Rabbit Polyclonal Antibody - Product Information

Application	IHC, IF
Primary Accession	Q6UWK7
Reactivity	Rat, Human
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	9173

CJ099 Rabbit Polyclonal Antibody - Additional Information**Gene ID** 387695**Other Names**

Protein GPR15LG, Antimicrobial peptide with 57 amino acid residues, AP-57, Antimicrobial peptide-57, Colon-derived SUS2 binding factor, CSBF, Protein GPR15 ligand {ECO:0000312|HGNC:HGNC:31428}, Protein GPR15L, Secreted protein C10orf99, GPR15LG (HGNC:31428), C10orf99, GPR15L

Dilution

IHC~~1:100~500

IF~~1:50~200

Storage Conditions

-20°C

CJ099 Rabbit Polyclonal Antibody - Protein Information**Name** GPR15LG ([HGNC:31428](#))**Synonyms** C10orf99, GPR15L**Function**

Highly cationic protein that has multiple functions. Acts as a chemotactic factor that mediates lymphocytes recruitment to epithelia through binding and activation of the G-protein coupled receptor GPR15 (PubMed:28900043, PubMed:28936214). May be a tumor suppressor; together with SUS2 has a growth inhibitory effect on colon cancer cells which includes G1 cell cycle arrest (PubMed:25351403). May regulate keratinocyte proliferation (PubMed:29872130). In addition, through activation of Mas-related G protein-coupled receptors (MRGPRs) contributes to pruritogenesis by activating itch-selective sensory neurons and

mast cells degranulation (PubMed:35704588).

Cellular Location

Secreted

Tissue Location

Expressed at high levels in colon, and cervix and at moderate level in tonsil (PubMed:25585381, PubMed:28900043). Highly reduced expression in primary colon cancer tissues compared with that in adjacent tissues (PubMed:25351403). Highest levels of expression detected in stomach and colon; expressed in epithelium of skin and esophagus, and in some tumor and/or tumor adjacent tissues (TAT), including TAT of esophagus cancer, hepatocellular carcinoma (HCC), squamous cell carcinoma (SCC), basal cell carcinoma (BCC) and invasive ductal carcinoma (IDC) tissues (at protein level) (PubMed:25585381) Highly expressed by inflammatory differentiated keratinocytes (PubMed:35704588).

CJ099 Rabbit Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CJ099 Rabbit Polyclonal Antibody - Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).