

# CJ099 Rabbit Polyclonal Antibody

CJ099 Rabbit Polyclonal Antibody

Catalog # AP93323

## Product Information

---

Application	IHC, IF
Primary Accession	<a href="#">Q6UWK7</a>
Reactivity	Rat, Human, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	9173

## Additional Information

---

Gene ID	387695
Other Names	Protein GPR15LG, Antimicrobial peptide with 57 amino acid residues, AP-57, Antimicrobial peptide-57, Colon-derived SUSD2 binding factor, CSBF, Protein GPR15 ligand {ECO:0000312 HGNC:HGNC:31428}, Protein GPR15L, Secreted protein C10orf99, GPR15LG ( <a href="#">HGNC:31428</a> ), C10orf99, GPR15L
Dilution	IHC~~1:100~500 IF~~1:50~200
Storage Conditions	-20°C

## Protein Information

---

Name	GPR15LG ( <a href="#">HGNC:31428</a> )
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: <a href="#">28900043</a> , PubMed: <a href="#">28936214</a> ). May be a tumor suppressor; together with SUSD2 has a growth inhibitory effect on colon cancer cells which includes G1 cell cycle arrest (PubMed: <a href="#">25351403</a> ). May regulate keratinocyte proliferation (PubMed: <a href="#">29872130</a> ). 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: <a href="#">35704588</a> ).
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).

## 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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.