

CJ099 Rabbit Polyclonal Antibody

CJ099 Rabbit Polyclonal Antibody

Catalog # AP93323

Product Information

Application	IHC-P, IF, ICC
Primary Accession	Q6UWK7
Reactivity	Human, Rat, 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 (HGNC:31428), C10orf99, GPR15L
Dilution	IHC-P~~N/A IF~~1:50~200 ICC~~N/A
Storage Conditions	-20°C

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 SUSD2 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).

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'.