

For Research Use Only

VSIG2 Polyclonal antibody

Catalog Number: 21056-1-AP



Basic Information

Catalog Number: 21056-1-AP	GenBank Accession Number: BC007313	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 23584	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96IQ7	
Isotype: IgG	Full Name: V-set and immunoglobulin domain containing 2	
Immunogen Catalog Number: AG14342	Calculated MW: 327 aa, 34 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse stomach tissue,
Species Specificity: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

VSIG2, also known as CCTL (cortical thymocyte-like protein), belongs to the V-Set and immunoglobulin (Ig) domain-containing (VSIG) family. The VSIG family is also a member of the immunoglobulin superfamily (IgSF). VSIG2 has been recognized as a novel immune checkpoint that plays a role in regulating immune response. VSIG2 was associated with the development and progression of colon adenocarcinoma (COAD) and pancreatic ductal adenocarcinoma (PDAC) and could be used as a potential biomarker (PMID: 34290531; PMID: 37626304).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 21056-1-AP (VSI G2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).