Rabbit anti-Human VSIG1 Polyclonal Antibody | anti-VSIG1 antibody

Anti-VSIG1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256602	**Rabbit**	**Human**	**Immunohistochemistry**

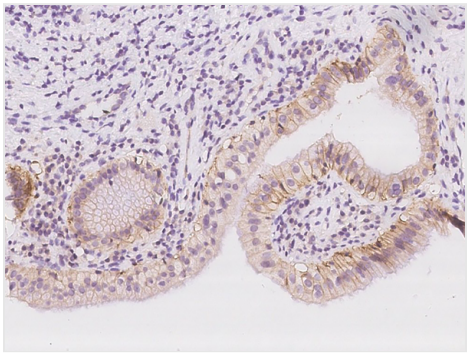
PRODUCT SYNONYMS

VSIG1; Polyclonal Antibody; Anti-VSIG1 Antibody; Rabbit Polyclonal; VSIG1 Antibody; Rabbit PAb; Antigen Affinity Purified; V-set and immunoglobulin domain containing 1; Anti-1700062D20Rik Antibody; Anti-dJ889N15.1 Antibody; Anti-GPA34 Antibody; Anti-RP5-889N15.1 Antibody; anti-VSIG1 antibody

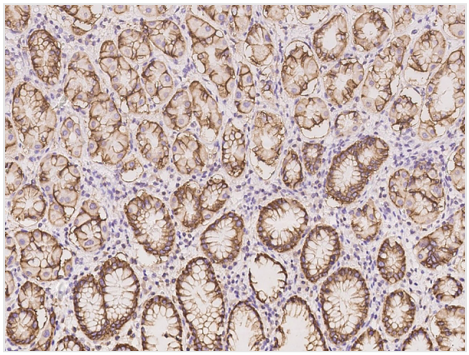
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human VSIG1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-VSIG1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human VSIG1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human VSIG1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunochemical staining of human VSIG1 in human gallbladder with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human VSIG1 in human stomach with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-VSIG1 antibody	V-set and immunoglobulin domain containing 1 (VSIG1) is a newly discovered member of the immunoglobulin superfamily of proteins, expressed in normal stomach and testis; it is encoded by a gene located on human chromosome X and preferentially expressed in a variety of cancers in humans. VSIG1, a cell adhesion protein of the immunoglobulin superfamily, is preferentially expressed in the stomach, testis, and certain gastric, esophageal, and ovarian cancers. VSIG1 is required for the establishment of glandular versus squamous epithelia in the stomach. VSIG1 possesses tumor-suppressive functions that are translated into the favorable prognosis of VSIG1-expressing gastric cancer (GC) patients. Mouse VSIG1 interacts with Sertoli cells by heterophilic adhesion via its first Ig-like domain.
References	Oidovsambuu O, et al. (2011) Adhesion protein vsig1 is required for the proper differentiation of glandular gastric epithelia. PLoS One 6 (10): e25908.Kim E, et al. (2010) Extracellular domain of v-set and immunoglobulin domain containing 1 (vsig1) interacts with sertoli cell membrane protein, while its pdz-binding motif forms a complex with zo-1. Mol Cells 30 (5): 443-448.Inoue Y, et al. (2017) Characterization of v-set and immunoglobulin domain containing 1 exerting a tumor suppressor function in gastric, lung, and esophageal cancer cells. Cancer Sci 108 (8): 1701-1714.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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