



[Go to Product page](#)

Datasheet for ABIN955529
anti-VSIG1 antibody (C-Term)

2 Images

Overview

Quantity:	0.4 mL
Target:	VSIG1
Binding Specificity:	AA 300-330, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VSIG1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 300-330 amino acids from the C-terminal region of human VSIG1
Isotype:	Ig Fraction
Specificity:	This antibody detects VSIG1 (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	VSIG1
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Target Details

Alternative Name: VSIG1 ([VSIG1 Products](#))

Background: This gene encodes a member of the junctional adhesion molecule (JAM) family. The encoded protein contains multiple glycosylation sites at the N-terminal region, and multiple phosphorylation sites and glutamic acid/proline (EP) repeats at the C-terminal region. The gene is expressed in normal stomach and testis, as well as in gastric, esophageal and ovarian cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Synonyms: Cell surface A33 antigen, GPA34, Glycoprotein A34, V-set and immunoglobulin domain-containing protein 1

Gene ID: 340547

NCBI Accession: [NP_001164024](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

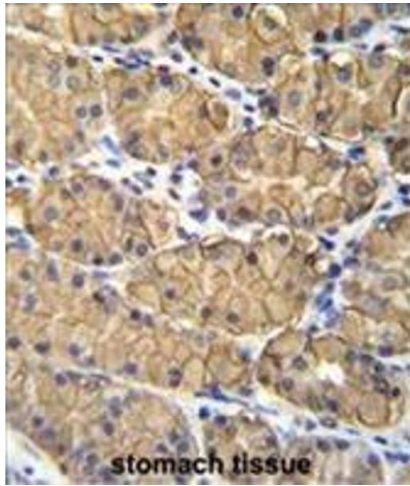
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

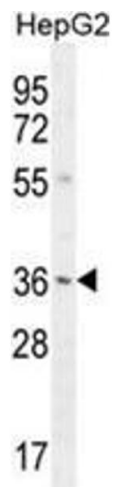
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. VSIG1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of VSIG1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. VSIG1 Antibody (C-term) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the VSIG1 antibody detected the VSIG1 protein (arrow).