



Datasheet for ABIN1713404  
**anti-SCGB2B27 antibody (AA 401-500)**



[Go to Product page](#)

1 Publication

Overview

Quantity:	100 µL
Target:	SCGB2B27
Binding Specificity:	AA 401-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCGB2B27 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C2a
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	SCGB2B27
Alternative Name:	C2a ( <a href="#">SCGB2B27 Products</a> )

## Target Details

---

Background: Synonyms: C02, ARMD14, Complement C2, C3/C5 convertase, C2  
Background: Component C2 which is part of the classical pathway of the complement system is cleaved by activated factor C1 into two fragments: C2b and C2a. C2a, a serine protease, then combines with complement factor C4b to generate the C3 or C5 convertase.

Gene ID: 717

UniProt: [P06681](#)

## Application Details

---

Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Publications

---

Product cited in: Caine, Lin, Kessler, Sato, Leong, Coburn: "Borrelia burgdorferi outer surface protein C (OspC) binds complement component C4b and confers bloodstream survival." in: **Cellular microbiology**, Vol. 19, Issue 12, (2018) ([PubMed](#)).