Datasheet for ABIN7599896

anti-STON1 antibody (AA 127-688)

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Overview

Quantity:	100 µg
Target:	STON1
Binding Specificity:	AA 127-688
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STON1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-STON1 Antibody Picoband®
Immunogen:	E.coli-derived human STON1 recombinant protein (Position: R127-R688).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-STON1 Antibody Picoband® (ABIN7599896). Tested in ELISA, Flow Cytometry, IF, IHC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	STON1
Alternative Name:	STON1 (STON1 Products)
Background:	Synonyms: Follicular dendritic cell secreted peptide,FDC secreted protein,FDC-SP,FDCSP,C4orf7,UNQ733/PRO1419, Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. . Background: Endocytosis of cell surface proteins is mediated by a complex molecular machinery that assembles on the inner surface of the plasma membrane. This gene encodes one of two human homologs of the Drosophila melanogaster stoned B protein. This protein is related to components of the endocytic machinery and exhibits a modular structure consisting of an N-terminal proline-rich domain, a central region of homology specific to the human stoned B-like proteins, and a C-terminal region homologous to the mu subunits of adaptor protein (AP) complexes. Read-through transcription of this gene into the neighboring downstream gene, which encodes TFIIA-alpha/beta-like factor, generates a transcript (SALF), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. Alternative splicing results in multiple transcript variants.
Molecular Weight:	83 kDa
Gene ID:	11037
UniProt:	Q9Y6Q2

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Feutlinske, F., Browarski, M., Ku, M.-C., Trnka, P., Waiczies, S., Niendorf, T., Stallcup, W. B., Glass, R., Krause, E., Maritzen, T. Stonin1 mediates endocytosis of the proteoglycan NG2 and regulates focal adhesion dynamics and cell motility. Nature Commun. 6: 8535, 2015. 2. Gross, M. B. Personal Communication. Baltimore, Md. 5/7/2021. 3. Han, S.-Y., Zhou, L., Upadhyaya, A., Lee, S. H., Parker, K. L., DeJong, J. TFIIA-alpha/beta-like factor is encoded by a germ cell-specific gene whose expression is up-regulated with other general transcription factors during spermatogenesis in the mouse. Biol. Reprod. 64: 507-517, 2001.

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.