

Datasheet for ABIN7600938

anti-SH3KBP1 antibody (AA 256-629)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SH3KBP1
Binding Specificity:	AA 256-629
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SH3KBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SH3KBP1 Antibody Picoband®
Immunogen:	E.coli-derived human SH3KBP1 recombinant protein (Position: D256-Q629).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SH3KBP1 Antibody Picoband® (ABIN7600938). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human, Mouse. 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:	SH3KBP1
Alternative Name:	SH3KBP1 (SH3KBP1 Products)
Background:	Synonyms: Elongator complex protein 3, Help3, ELP3 Tissue Specificity: Expressed at low levels in the more differentiated suprabasal regions of the small intestine, and at higher levels in the colon, mainly in the upper region and in scattered cells throughout the remaining epithelium. Also expressed in epithelial cells of bladder, ileum and stomach and at lower levels in pancreas and earskin. The phosphorylated form is nearly exclusively expressed in goblet cells of the small intestine and in the lumen-proximal cells of the colon (at protein level). Also expressed in jejunum and duodenum. Background: SH3 domain-containing kinase-binding protein 1 is an adaptor protein that in humans is encoded by the SH3KBP1 gene. This gene encodes an adapter protein that contains one or more N-terminal Src homology domains, a proline rich region and a C-terminal coiled-coil domain. The encoded protein facilitates protein-protein interactions and has been implicated in numerous cellular processes including apoptosis, cytoskeletal rearrangement, cell adhesion and in the regulation of clathrin-dependent endocytosis. Alternate splicing results in multiple transcript variants encoding distinct isoforms.
Molecular Weight:	85 kDa
Gene ID:	30011
UniProt:	Q96B97
Pathways:	EGFR Signaling Pathway , EGFR Downregulation

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Feng, L., Wang, J.-T., Jin, H., Qian, K., Geng, J.-G. SH3KBP1-binding protein 1 prevents epidermal growth factor receptor degradation by the interruption of c-Cbl-CIN85 complex. Cell Biochem. Funct. 29: 589-596, 2011. 2. Keller, B., Shoukier, M., Schulz, K., Bhatt, A., Heine, I., Strohmeier, V., Speckmann, C., Engels, N., Warnatz, K., Wienands, J. Germline deletion of CIN85 in humans with X chromosome-linked antibody deficiency. J. Exp. Med. 215: 1327-1336, 2018. 3. Kometani, K., Yamada, T., Sasaki, Y., Yokosuka, T., Saito, T., Rajewsky, K., Ishiai, M., Hikida, M., Kurosaki, T. CIN85 drives B cell responses by linking BCR signals to the canonical NF-kappaB
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Application Details

	pathway. J. Exp. Med. 208: 1447-1457, 2011.
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.