Datasheet for ABIN7602318

anti-SURF2 antibody (AA 7-230)

Go to Product page

Overview

Quantity:	100 µg
Target:	SURF2
Binding Specificity:	AA 7-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SURF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-SURF2 Antibody Picoband®
Immunogen:	E.coli-derived human SURF2 recombinant protein (Position: D7-K230).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SURF2 Antibody Picoband® (ABIN7602318). Tested in ELISA, Flow Cytometry, IF, ICC, 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:	SURF2
Alternative Name:	SURF2 (SURF2 Products)
Background:	Synonyms: DAP3-binding cell death enhancer 1, Death ligand signal enhancer, DELE1, DELE, KIAA0141 Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: SURF2 is a protein which in humans is encoded by the SURF2 gene. Surfeit 2, also known as SURF2, belongs to the SURF2 family and interacts with beta-1, 4-Gal-T3, uPAR and WDR20. SURF2 is located in the surfeit gene cluster, which is a group of very tightly linked genes that do not share sequence similarity. The SURF2 gene maps to human chromosome 9q34.2 and shares a biional promoter with SURF1, which is located on the opposite strand. The intergenic region between the SURF1 and SURF2 genes is expected to have biional promoter activity, as is found in mouse. Recombinant human SURF2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Molecular Weight:	38 kDa
Gene ID:	6835
UniProt:	Q15527

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, -
	1. Duhig, T., Ruhrberg, C., Mor, O., Fried, M. The human surfeit locus. Genomics 52: 72-78, 1998. 2. Lennard, A., Gaston, K., Fried, M. The Surf-1 and Surf-2 genes and their essential biional promoter elements are conserved between mouse and human. DNA Cell Biol. 13: 1117-1126, 1994. 3. Yon, J., Jones, T., Garson, K., Sheer, D., Fried, M. The organization and conservation of the human Surfeit gene cluster and its localization telomeric to the c-abl and can proto-oncogenes at chromosome band 9q34.1. Hum. Molec. Genet. 2: 237-240, 1993.
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.

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