Datasheet for ABIN7599099

anti-TFAP2C antibody (AA 1-219)

Go to Product page

Overview

Quantity:	100 µg
Target:	TFAP2C
Binding Specificity:	AA 1-219
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAP2C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-AP2 gamma/TFAP2C Antibody Picoband®
Immunogen:	E.coli-derived human AP2 gamma/TFAP2C recombinant protein (Position: M1-N219).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-AP2 gamma/TFAP2C Antibody Picoband® (ABIN7599099). Tested in ELISA, IF, IHC, 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:	TFAP2C
Alternative Name:	TFAP2C (TFAP2C Products)
Background:	Synonyms: Structural maintenance of chromosomes protein 6, SMC protein 6, SMC-6, hSMC6, SMC6, SMC6L1 Tissue Specificity: Widely expressed (PubMed:11408570). Strongly expressed in testis (PubMed:11408570). Background: Transcription factor AP-2 gamma also known as AP2-gamma is a protein that in humans is encoded by the TFAP2C gene. The protein encoded by this gene is a sequence-specific DNA-binding transcription factor involved in the activation of several developmental genes. The encoded protein can act as either a homodimer or heterodimer with other family members and is induced during retinoic acid-mediated differentiation. It plays a role in the development of the eyes, face, body wall, limbs, and neural tube.
Molecular Weight:	49 kDa
Gene ID:	7022
UniProt:	Q92754
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Aldred, M. A., Aftimos, S., Hall, C., Waters, K. S., Thakker, R. V., Trembath, R. C., Brueton, L. Constitutional deletion of chromosome 20q in two patients affected with Albright hereditary osteodystrophy. Am. J. Med. Genet. 113: 167-172, 2002. 2. Bosher, J. M., Williams, T., Hurst, H. C. The developmentally regulated transcription factor AP-2 is involved in c-erbB-2 overexpression in human mammary carcinoma. Proc. Nat. Acad. Sci. 92: 744-747, 1995. 3. Genevieve, D., Sanlaville, D., Faivre, L., Kottler, M.-L., Jambou, M., Gosset, P., Boustani-Samara, D., Pinto, G., Ozilou, C., Abeguile, G., Munnich, A., Romana, S., Raoul, O., Cormier-Daire, V., Vekemans, M. Paternal deletion of the GNAS imprinted locus (including Gnasxl) in two girls presenting with severe pre- and post-natal growth retardation and intractable feeding difficulties. Europ. J. Hum. Genet. 13: 1033-1039, 2005.
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.