

Datasheet for ABIN7603217
anti-FUBP1 antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FUBP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-FUBP1 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human FUBP1.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-FUBP1 Antibody Picoband® (ABIN7603217). Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat. 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:	FUBP1
Alternative Name:	FUBP1 (FUBP1 Products)
Background:	Synonyms: FUBP1, Far upstream element-binding protein 1, FBP, FUSE-binding protein 1, DNA helicase V, hDH V Background: The protein encoded by this gene is a single stranded DNA-binding protein that binds to multiple DNA elements, including the far upstream element (FUSE) located upstream of c-myc. Binding to FUSE occurs on the non-coding strand, and is important to the regulation of c-myc in undifferentiated cells. This protein contains three domains, an amphipathic helix N-terminal domain, a DNA-binding central domain, and a C-terminal transactivation domain that contains three tyrosine-rich motifs. The N-terminal domain is thought to repress the activity of the C-terminal domain. This protein is also thought to bind RNA, and contains 3'-5' helicase activity with in vitro activity on both DNA-DNA and RNA-RNA duplexes. Aberrant expression of this gene has been found in malignant tissues, and this gene is important to neural system and lung development. Binding of this protein to viral RNA is thought to play a role in several viral diseases, including hepatitis C and hand, foot and mouth disease. Alternative splicing results in multiple transcript variants.
Molecular Weight:	67 kDa
Gene ID:	8880

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human, Mouse Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human 1. Bettegowda, C., Agrawal, N., Jiao, Y., Sausen, M., Wood, L. D., Hruban, R. H., Rodriguez, F. J., Cahill, D. P., McLendon, R., Riggins, G., Velculescu, V. E., Oba-Shinjo, S. M., Marie, S. K. N., Vogelstein, B., Bigner, D., Yan, H., Papadopoulos, N., Kinzler, K. W. Mutations in CIC and FUBP1 contribute to human oligodendroglioma. <i>Science</i> 333: 1453-1455, 2011. 2. Duncan, R., Bazar, L., Michelotti, G., Tomonaga, T., Krutzsch, H., Avigan, M., Levens, D. A sequence-specific, single-strand binding protein activates the far upstream element of c-myc and defines a new DNA-binding motif. <i>Genes Dev.</i> 8: 465-480, 1994. 3. Liu, J., Akoulitchiev, S., Weber, A., Ge, H., Chuikov, S., Libutti, D., Wang, X. W., Conaway, J. W., Harris, C. C., Conaway, R. C., Reinberg, D., Levens, D. Defective interplay of activators and repressors with TFIIH in xeroderma pigmentosum. <i>Cell</i> 104: 353-363, 2001.
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 Na ₂ HPO ₄ .
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.