

Datasheet for ABIN7602364
anti-IRF2BP1 antibody (AA 71-439)



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Overview

Quantity:	100 µg
Target:	IRF2BP1
Binding Specificity:	AA 71-439
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF2BP1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-IRF2BP1 Antibody Picoband®
Immunogen:	E.coli-derived human IRF2BP1 recombinant protein (Position: A71-D439). Human IRF2BP1 shares 95.1% amino acid (aa) sequence identity with mouse IRF2BP1.
Characteristics:	Anti-IRF2BP1 Antibody Picoband® (ABIN7602364). Tested in ELISA, Flow Cytometry, IP, IF, IHC, ICC, WB 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:	IRF2BP1
Alternative Name:	IRF2BP1 (IRF2BP1 Products)
Background:	IRF2BP1 (Interferon regulatory factor 2 binding protein 1) is a 64-66 kDa member of the IFR2BP family of proteins. It is widely expressed, and known to bind to the C-terminus of IRF-2, creating a transcriptional repressor complex. IRF2BP1 also bind to JDP2 (Jun dimerization protein 2), promoting its ubiquitination. Human IRF2BP1 is 584 amino acids (aa) in length. It contains two Zn-finger domains (aa 6-67 and 498-584), one coiled-coil region (aa 197-217), a Cys-rich region (aa 503-550), an N-terminal acetylation site at Ala2, and multiple utilized phosphorylation sites at Ser 66/125/186/384/421/436/453/457. Over aa 188-356, human and mouse IRF2BP1 are identical in amino acid sequence.
Molecular Weight:	72 kDa
Gene ID:	26145

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Immunoprecipitation, 0.5-2 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Childs, K. S., Goodbourn, S. Identification of novel co-repressor molecules for interferon regulatory factor-2. Nucleic Acids Res. 31: 3016-3026, 2003. 2. Gross, M. B. Personal Communication. Baltimore, Md. 7/23/2013. 3. Kimura, M. IRF2-binding protein-1 is a JDP2 ubiquitin ligase and an inhibitor of ATF2-dependent transcription. FEBS Lett. 582: 2833-2837, 2008.
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.

Handling

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.