

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IRF2BP1 in direct ELISAs and Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human IRF2BP1 Ala188-Glu356 Accession # Q8IU81
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

IRF2BP1 (Interferon regulatory factor 2 binding protein 1) is a 64-66 kDa member of the IRF2BP 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.

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