

# IRF2BP2 Rabbit pAb

IRF2BP2 Rabbit pAb

Catalog # AP56362

## Product Information

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| <b>Application</b>                      | IHC-P, IHC-F, IF   |
| <b>Primary Accession</b>                | <a href="#">Q7Z5L9</a>   |
| <b>Reactivity</b>                       | Human  |
| <b>Predicted</b>                        | Horse, Rabbit  |
| <b>Host</b>                             | Rabbit   |
| <b>Clonality</b>                        | Polyclonal   |
| <b>Calculated MW</b>                    | 61025  |
| <b>Physical State</b>                   | Liquid   |
| <b>Immunogen</b>                        | KLH conjugated synthetic peptide derived from human IRF2BP2  |
| <b>Epitope Specificity</b>              | 301-400/587  |
| <b>Isotype</b>                          | IgG  |
| <b>Purity</b>                           | affinity purified by Protein A   |
| <b>Buffer</b>                           | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  |
| <b>SUBCELLULAR LOCATION</b>             | Nucleus.   |
| <b>SIMILARITY</b>                       | Belongs to the IRF2BP family.  |
| <b>SUBUNIT</b>                          | Interacts with IRF2. Part of a corepressor complex containing IRF2 and IRF2BP1. Interacts with VGLL4.  |
| <b>Post-translational modifications</b> | Phosphorylation at Ser-360 is required for nuclear targeting.  |
| <b>Important Note</b>                   | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.  |
| <b>Background Descriptions</b>          | This gene encodes an interferon regulatory factor-2 (IRF2) binding protein that interacts with the C-terminal transcriptional repression domain of IRF2. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008] |

## Additional Information

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| <b>Gene ID</b>     | 359948  |
| <b>Other Names</b> | Interferon regulatory factor 2-binding protein 2, IRF-2-binding protein 2, IRF-2BP2, IRF2BP2  |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500  |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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|--------------------------|--|
| <b>Name</b>              | IRF2BP2  |
| <b>Function</b>          | Acts as a transcriptional corepressor in a IRF2-dependent manner; this repression is not mediated by histone deacetylase activities (PubMed: <a href="#">12799427</a> ). Represses the NFAT1-dependent transactivation of NFAT-responsive promoters (PubMed: <a href="#">21576369</a> ). Acts as a coactivator of VEGFA expression in cardiac and skeletal muscles (PubMed: <a href="#">20702774</a> ). Plays a role in immature B-cell differentiation (PubMed: <a href="#">27016798</a> ). |
| <b>Cellular Location</b> | Cytoplasm. Nucleus.  |

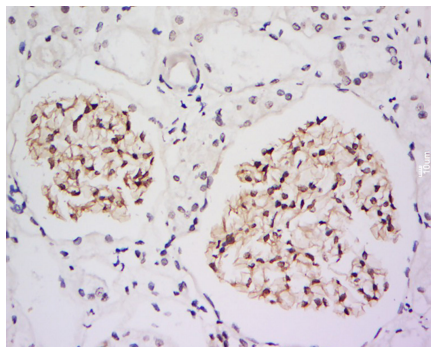
## Background

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This gene encodes an interferon regulatory factor-2 (IRF2) binding protein that interacts with the C-terminal transcriptional repression domain of IRF2. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

## Images

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Tissue/cell: human kidney tissue; 4%  
Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling  
bathing for 15min; Block endogenous peroxidase by 3%  
Hydrogen peroxide for 30min; Blocking buffer (normal  
goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti-IRF2BP2 Polyclonal Antibody,  
Unconjugated(AP56362) 1:200, overnight at 4°C, followed  
by conjugation to the secondary antibody(SP-0023) and  
DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.