

**IRF2BP2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56362****Specification****IRF2BP2 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q7Z5L9</a>
Reactivity	Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IRF2BP2
Epitope Specificity	301-400/587
Isotype	IgG
<b>Purity</b>	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Belongs to the IRF2BP family.
SUBUNIT	Interacts with IRF2. Part of a corepressor complex containing IRF2 and IRF2BP1. Interacts with VGLL4.
Post-translational modifications	Phosphorylation at Ser-360 is required for nuclear targeting.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

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]

**IRF2BP2 Polyclonal Antibody - Additional Information****Gene ID** 359948**Other Names**

Interferon regulatory factor 2-binding protein 2, IRF-2-binding protein 2, IRF-2BP2, IRF2BP2

**Dilution**

<span class ="dilution\_WB">WB~~1:1000</span><br /><span class ="dilution\_IHC-P">IHC-P~~N/A</span><br /><span class ="dilution\_IHC-F">IHC-F~~N/A</span><br /><span class ="dilution\_IF">IF~~1:50~200</span><br /><span class ="dilution\_ICC">ICC~~N/A</span><br />

\&gt;&lt;span class ="dilution\_E"&gt;E~~N/A&lt;/span&gt;

**Storage**

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.

**IRF2BP2 Polyclonal Antibody - Protein Information****Name** IRF2BP2**Function**

Acts as a transcriptional corepressor in a IRF2-dependent manner; this repression is not mediated by histone deacetylase activities (PubMed:<a href="http://www.uniprot.org/citations/12799427" target="\_blank">12799427</a>). Represses the NFAT1-dependent transactivation of NFAT-responsive promoters (PubMed:<a href="http://www.uniprot.org/citations/21576369" target="\_blank">21576369</a>). Acts as a coactivator of VEGFA expression in cardiac and skeletal muscles (PubMed:<a href="http://www.uniprot.org/citations/20702774" target="\_blank">20702774</a>). Plays a role in immature B-cell differentiation (PubMed:<a href="http://www.uniprot.org/citations/27016798" target="\_blank">27016798</a>).

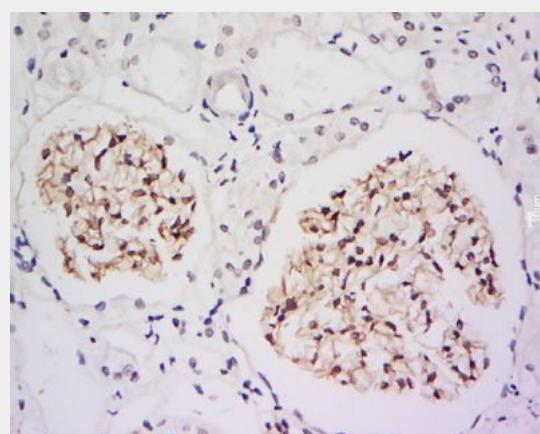
**Cellular Location**

Cytoplasm. Nucleus.

**IRF2BP2 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**IRF2BP2 Polyclonal Antibody - Images**

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(bs-16701R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining