

I2BP2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10524c**Specification**

I2BP2 Antibody (Center) - Product Information

Application	WB, FC,E
Primary Accession	Q7Z5L9
Other Accession	E9Q1P8 , NP_892017.2 , NP_001070865.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	61025
Antigen Region	337-366

I2BP2 Antibody (Center) - Additional Information**Gene ID** 359948**Other Names**

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

Target/Specificity

This I2BP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 337-366 amino acids from the Central region of human I2BP2.

Dilution

WB~~1:1000

FC~~1:10~50

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

I2BP2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

I2BP2 Antibody (Center) - 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:[12799427](#)). Represses the NFAT1-dependent transactivation of NFAT-responsive promoters (PubMed:[21576369](#)). Acts as a coactivator of VEGFA expression in cardiac and skeletal muscles (PubMed:[20702774](#)). Plays a role in immature B-cell differentiation (PubMed:[27016798](#)).

Cellular Location

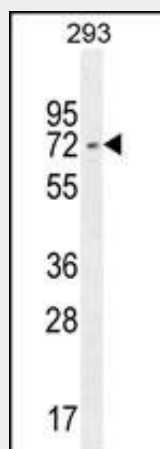
Cytoplasm. Nucleus.

I2BP2 Antibody (Center) - Protocols

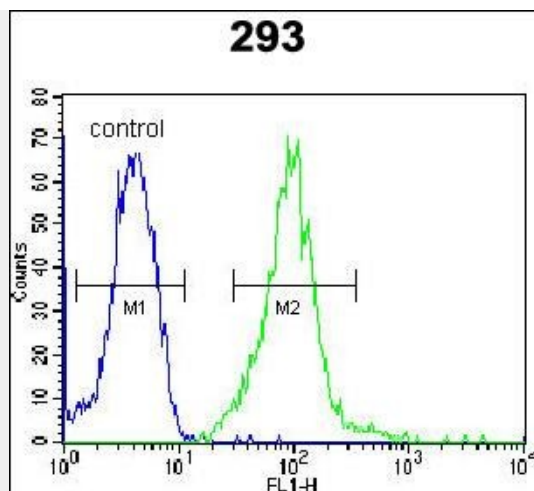
Provided below are standard protocols that you may find useful for product applications.

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

I2BP2 Antibody (Center) - Images



I2BP2 Antibody (Center) (Cat. #AP10524c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the I2BP2 antibody detected the I2BP2 protein (arrow).



I2BP2 Antibody (Center) (Cat. #AP10524c) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

I2BP2 Antibody (Center) - Background

IRF2BP2 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].

I2BP2 Antibody (Center) - References

Teng, A.C., et al. FASEB J. (2010) In press :
Peng, Y.B., et al. Anim. Genet. 37(6):600-601(2006)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)
Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)