Datasheet for ABIN1450118

anti-IRF2BP2 antibody (C-Term)

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2 Images

Overview

Quantity:	0.1 mg
Target:	IRF2BP2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF2BP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	18 amino acid synthetic peptide near the carboxy terminus of Human IRF2BP2
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	IRF2BP2
Alternative Name:	IRF2BP2 (IRF2BP2 Products)
Background:	IRF2BP2, like the related protein IRF2BP1, is a co-repressor that interacts specifically with the C-terminal repression domain of Interferon Regulatory Factor 2 (IRF2). IRF2BP2 is a direct

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Target Details

	target gene of p53 and is involved in cell survival during the p53 stress response, able to impede the p53-mediated transactivation of p21 and Bax. IRF2BP2 is also a co-factor of VGLL4 and is required to induce the expression of vascular endothelial growth factor A (VEGF-A) in muscle. It is normally found in the nucleus of skeletal muscle and cardiac cells, but can be found in the cytoplasm during skeletal muscle differentiation.Synonyms: IRF-2-binding protein 2, IRF-2BP2, Interferon regulatory factor 2-binding protein 2
Gene ID:	359948
NCBI Accession:	NP_892017

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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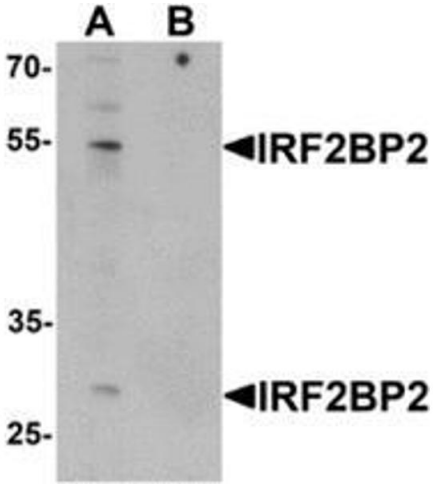
Immunofluorescence

Image 1. Immunocytochemistry of IRF2BP2 in A20 cells with IRF2BP2 antibody at 2.5 ug/mL.



Western Blotting

Image 2. Western blot analysis of IRF2BP2 in HeLa cell lysate with IRF2BP2 Antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.

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