

ARG63227 anti-IRF5 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes IRF5
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow
Tested Application	ChIP, IHC, WB
Specificity	This antibody is expected to recognize all four reported isoforms (NP_002191.1; NP_116032.1; NP_001092097.1; NP_001092099.1). Reported variants NP_001092100.1, NP_001092101.1, NP_001092098.1, NP_001092097.1 represent identical protein: Reported variants NP_116032.1, NP_001092100.1 represent identical protein:
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	IRF5
Species	Human
Immunogen	C-QGPWPMHPAGMQ
Conjugation	Un-conjugated
Alternate Names	SLEB10; Interferon regulatory factor 5; IRF-5

Application Instructions

Application table	Application	Dilution
	ChIP	Assay - dependent
	IHC	Assay - dependent
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA

Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

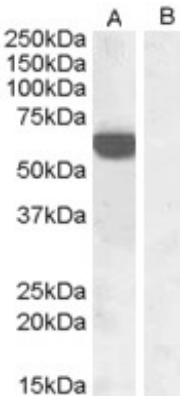
Database links	GeneID: 3663 Human Swiss-port # Q13568 Human
Background	<p>This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Multiple transcript variants encoding different isoforms have been found for this gene, and a 30-nt indel polymorphism (SNP rs60344245) can result in loss of a 10-aa segment. [provided by RefSeq, Mar 2010]</p>
Research Area	Gene Regulation antibody; Immune System antibody
Calculated Mw	56 kDa
PTM	<p>Phosphorylation of serine and threonine residues in a C-terminal autoinhibitory region, stimulates dimerization, transport into the nucleus, assembly with the coactivator CBP/p300 and initiation of transcription.</p> <p>'Lys-63'-linked polyubiquitination by TRAF6 is required for activation.</p>

Images



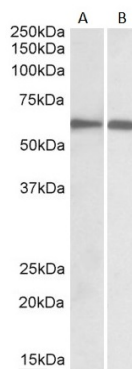
ARG63227 anti-IRF5 antibody WB image

Western Blot: A549 cell lysate (35 µg protein in RIPA buffer). stained with ARG63227 anti-IRF5 antibody at 0.1 µg/ml dilution.



ARG63227 anti-IRF5 antibody WB image

Western Blot: 1). human IRF5 expressing plasmid transfected; 2) Mock transfection HEK293 cell lysate standed with ARG63227 anti-IRF5 antibody at 1ug/ml



ARG63227 anti-IRF5 antibody WB image

Western blot: 30 µg of Human spleen (A) and peripheral blood lymphocytes (B) lysates (in RIPA buffer) stained with ARG63227 anti-IRF5 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.